

UNIVERSITY OF TORONTO

DEGREE COURSES

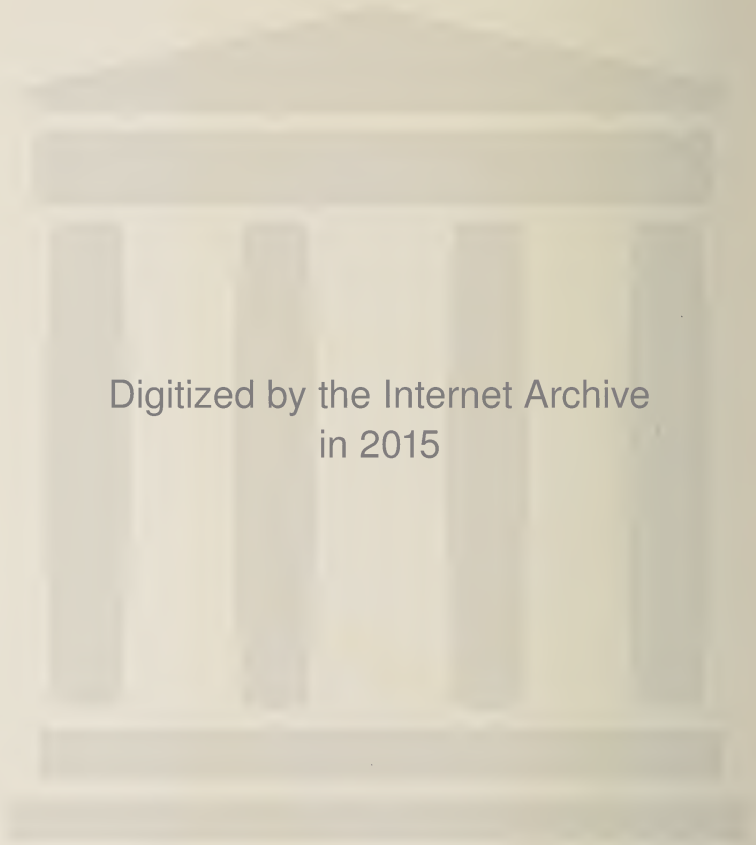
IN EXTENSION

Winter Session 1968-69

Summer Session 1969

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UNIVERSITY OF TORONTO
DIVISION OF
UNIVERSITY EXTENSION

Degree Courses 1968-69

FACULTY OF ARTS & SCIENCE

General Arts Course

General Science Course

SCHOOL OF NURSING

Degree Course for Graduates of

Diploma Schools of Nursing

COURSES BEGIN

Winter Session September 16, 1968

Summer Evening Session May 20, 1969

Summer Day Session July 7, 1969

Administrative Officers 1967-68

THE UNIVERSITY

PresidentC. T. Bissell, M.A., PH.D., D. ES L., D.LITT., LL.D., F.R.S.C.
(On leave, 1967-68 Session)

Acting PresidentJ. H. Sword, M.A. (1967-68 Session)

Vice-Provost and Executive Assistant to the President

D. F. Forster, B.A., A.M.

Assistant to the PresidentN. S. C. Dickinson, C.D., B.A.

Vice-President and ProvostM. St. A. Woodside, M.A., LL.D.

Vice-President (Health Sciences)J. D. Hamilton, M.D., F.R.C.P. (C.)

Vice-President (Research Administration)

G. de B. Robinson, M.B.E., B.A., PH.D., F.R.S.C.

Chief LibrarianR. H. Blackburn, M.A., B.L.S., M.S., LL.D.

Executive Vice-President (Non-Academic)A. G. Rankin, B.COM.

Vice-President (Administration)F. R. Stone, B.COM., C.A.

Financial AnalystG. L. Court, D.F.C., M.COM., C.A.

Secretary of the Board of Governors and

Director of Administrative ServicesD. S. Claringbold

Director of Physical PlantF. J. Hastie, B.SC., P.ENG.

Vice-President and RegistrarR. Ross M.B.E., M.A.

Executive Assistant to the Vice-President and Registrar . .W. Kent, M.A.

Director of AdmissionsE. M. Davidson, B.A.

Director of Student AwardsMiss H. L. Reimer, B.A., B.PED.

Special Officer (Secondary School Liaison)

J. R. H. Morgan, M.B.E., M.A., B.PAED., LL.D.

Director of Statistics and RecordsJ. M. Tusiewicz, M.A.SC., M.B.A.

Director of University Health Service

G. E. Wodehouse, M.C., M.D., F.R.C.P.

Assistant Director of University Health Service

—*Women*Miss F. H. Stewart, B.A., M.D.

Acting Director of Placement ServiceA. W. Headrick, M.A.

Director of International Student CentreMrs. K. Riddell, B.A.

Director of Advisory Bureau

D. J. McCulloch, B.A., M.D., D.PSYCH., F.R.C.P.

Director of Housing ServiceMrs. M. G. Jaffary, B.A.

Director of University ExtensionG. H. Boyes, M.A.

Administrative Officers 1967-68

Director of University of Toronto Press M. Jeanneret, B.A., LL.D.
Director of Information K. S. Edey
Director of Alumni Affairs J. C. Evans, B.A.
Director of Development R. J. Albrant

Warden of Hart House E. A. Wilkinson, B.A.
Director of Athletics and Physical Education
—Men W. A. Stevens, B.S.
Director of Athletics and Physical Education
—Women (Acting) Miss A. Hewett, B.ED., P.E.

THE FACULTY OF ARTS AND SCIENCE

Dean Emeritus S. Beatty, M.A., PH.D., LL.D., F.R.S.C.
Dean A. D. Allen, B.SC., PH.D.
Associate Dean D. R. Campbell, D.F.C., M.A.
Associate Dean A. C. H. Hallett, B.A., PH.D.
Assistant Dean and Secretary W. D. Foulds, B.A.
Assistant Secretary J. M. Mills, B.A.
Assistant Secretary R. B. Oglesby, C.D., M.A.

SCHOOL OF NURSING

Director Helen M. Carpenter, B.S., M.P.H., D.ED.
Associate Director M. Kathleen King, M.S.N.
Secretary Miss E. G. Burgess

DEGREE COURSES, EXTENSION

Assistant Director E. M. Gruetzner, B.A.
Supervisor W. A. O'Leary, B.A.
Supervisor Information Centre Mrs. Dorothy M. Deane, B.A.
Assistant G. B. Miller
Registration Mrs. M. M. Pearson

For Information on Degree Programmes:

Telephone: 928-2405 (9.00 a.m.-5.00 p.m.)
 928-2394 (5.00 p.m.-8.00 p.m.)

Calendar 1968-69

Winter Session

<i>August 15</i>	Last day for new students to apply for admission.
<i>September 10</i>	Last day for acceptance of registration forms without late fee.
<i>September 15</i>	Last day for acceptance of registration forms with \$10 late fee.
<i>September 16</i>	First Term begins.
<i>September 30</i>	Last day for acceptance of registration forms with \$20 late fee. After September 30, registration for Winter Session 1968-69 will not be permitted.
<i>October 14</i>	Thanksgiving Day (lectures cancelled).
<i>October 15</i>	Last day for change of course.
<i>November 22</i>	Fall Convocation.
<i>November 30</i>	Last day for students with supplemental privileges to apply to write the annual examinations.
<i>December 20</i>	Last day of lectures (First Term).
<i>January 6</i>	Second Term begins.
<i>February 15</i>	Last day for withdrawal from Winter Session without academic penalty.
<i>February 17-23</i>	Reading Week (all lectures cancelled).
<i>April 10</i>	Last day of lectures.
<i>April 21</i>	Annual Examinations begin.
<i>May 30</i>	Start of University Commencement.

Summer Evening Session 1969

<i>April 1</i>	Last day for new students to apply for admission.
<i>May 1</i>	Last day for acceptance of registration forms without late fee.
<i>May 8</i>	Last day for acceptance of registration forms with \$10 late fee.
<i>May 15</i>	Last day for acceptance of registration form with \$20 late fee. After May 15, registration for Summer Evening Session 1969 will not be permitted.
<i>May 20</i>	Summer Evening Session begins.

SEPTEMBER

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OCTOBER

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NOVEMBER

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DECEMBER

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JANUARY

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FEBRUARY

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Calendar 1968-69

June 2	Last day for change of course.
June 30	Final date for withdrawal from Summer Evening Session without academic penalty.
July 1	Dominion Day (all lectures cancelled).
July 10	Last day for students with supplemental privileges to apply to write the August examinations.
August 4	Civic Holiday (all lectures cancelled).
August 14	Last day of lectures.
August 18	August Examinations begin.

Summer Day Session 1969

May 15	Last day for new students to apply for admission.
June 18	Last day for acceptance of registration forms without late fee.
June 25	Last day for acceptance of registration forms with \$10 late fee.
June 30	Last day for acceptance of registration forms with \$20 late fee. After this date, registration for Summer Day Session will not be permitted.
July 7	Summer Day Session begins.
July 10	Last day for students with supplemental privileges to apply to write the August examinations.
July 14	Last day for change of course.
August 1	Last day for withdrawal from Summer Day Session without academic penalty.
August 4	Civic Holiday (all lectures cancelled).
August 15	Last day of lectures.
August 18	August examinations begin.

MARCH

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JUNE

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29 30

JULY

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AUGUST

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31



84 QUEEN'S PARK
THE HOME OF UNIVERSITY EXTENSION



UNIVERSITY COLLEGE

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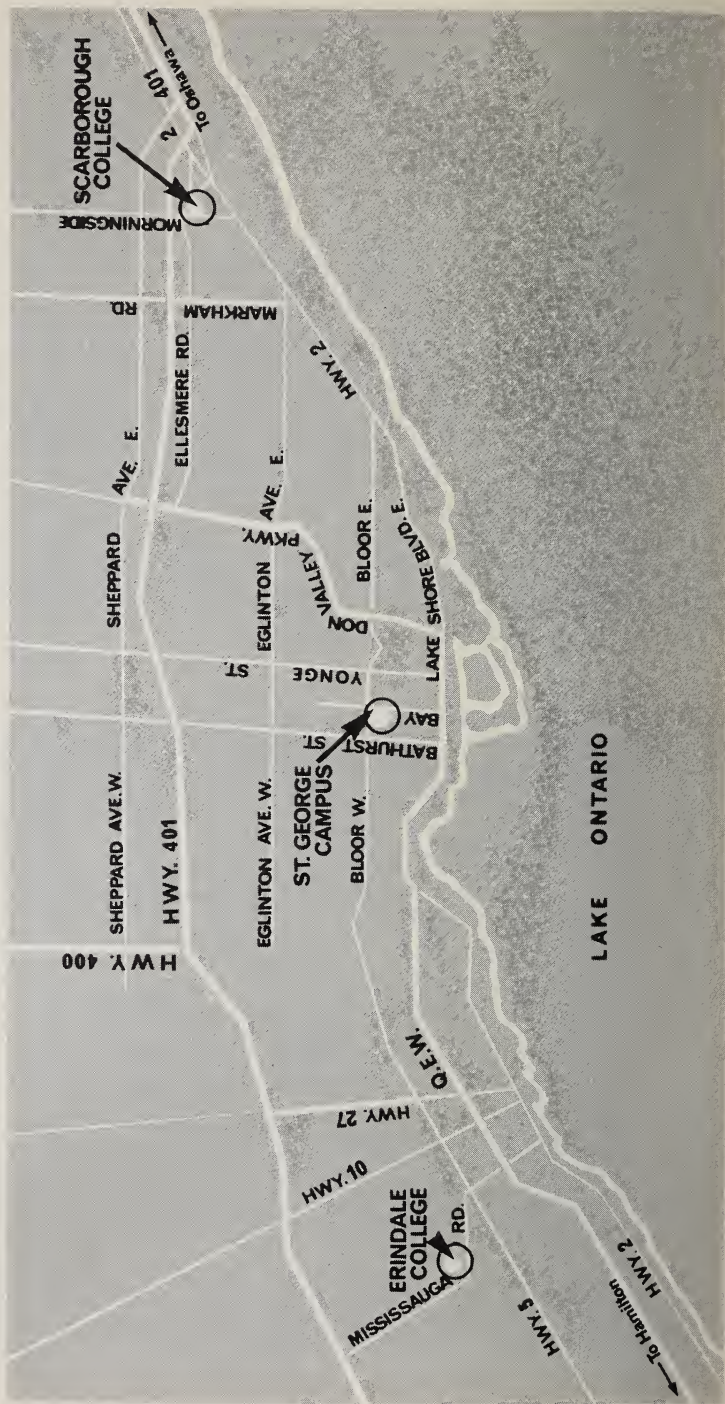
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UNIVERSITY OF TORONTO CAMPUS LOCATIONS



Introduction

The objective of the Division of University Extension is to make available the resources of the University of Toronto to adults who are prepared to engage in systematic study. In a technological society in which rapid change is a constant influence, education is a continuing and life-long process. The effect of this change requires not only greater numbers of highly trained specialists, but also generalists equipped to understand and to integrate specialist functions. There are approximately twenty thousand extension students engaged in part-time study on the three campuses of the University of Toronto—the St. George, Scarborough and Erindale campuses. Many of these students are registered in programmes of study leading to a University of Toronto degree or certificate. Others are registered in non-degree courses in the business and professional areas and in the liberal arts. A large number of students pursue courses by correspondence. This calendar provides information on degree programmes for men and women who may wish to continue their education and development through part-time study. For information on the other educational opportunities available to part-time students, contact The Division of University Extension, University of Toronto.



SCARBOROUGH COLLEGE



HART HOUSE—CENTRE FOR SUMMER ACTIVITIES

Admission Requirements

Full details on undergraduate admissions are found in the Admissions Circular 1968-69, which is available at the Office of Admissions, Simcoe Hall, University of Toronto.

All inquiries regarding admission requirements should be addressed to the Office of Admissions, Simcoe Hall, University of Toronto.

Classification of Students There are two categories of students enrolled in Degree courses in the Division of University Extension:

REGULAR STUDENTS Those who, through part-time study, are proceeding to a degree of the University of Toronto in the Division of University Extension.

SPECIAL STUDENTS Those who are not proceeding to a degree of the University of Toronto in the Division of University Extension. They may enrol in individual subjects for credit at other universities or other faculties within the University of Toronto.

Candidates for admission as a Regular or Special student may be admitted to the University of Toronto in one of the following ways:

- ▲ With an Ontario Grade 13 (or equivalent) certificate.
- ▲ As a mature student with less than the full admission requirements.
- ▲ With an undergraduate degree from a recognized university.

Ontario Grade 13 Requirements A minimum overall average of 60% is required. The following Grade 13 subjects (or their equivalents) are approved subjects for purposes of admission to this University:

One-credit; Biology; Chemistry; Physics; Geography; History; Music; Art. A candidate may not offer both Music and Art.

Two-credit; English; French; German; Greek; Italian; Latin; Russian; Spanish; Mathematics A (alone).

Three-Credit; Mathematics A and B (two subjects).

Candidates for the 1968-69 Winter Session and the 1969 Summer Session will be required to offer standing in at least four Grade 13 subjects comprising at least seven credits.

THE GENERAL ARTS COURSE Two of English, another language, Mathematics A; and at least two optional subjects comprising three credits.

THE GENERAL SCIENCE COURSE Mathematics A; three of Biology, Chemistry, Mathematics B, Physics; and English or another language.

Admission Requirements

THE DEGREE COURSE FOR GRADUATE NURSES English or History; Chemistry; and optional subjects to bring the total number of credits to seven. **NOTE:** *Grade 13 standing obtained before 1967 must include nine credits, although chemistry is not required. Normally, only Registered Nurses or those eligible for registration are accepted.*

GENERAL ONTARIO GRADE 12 PRESCRIPTION Ontario Grade 13 candidates must also have Grade 12 standing in at least six subjects (excluding Physical Education). The subjects chosen must include at least five of the following subjects and at least one subject from each of the four groups:

- (i) English
- (ii) French; German; Greek; Italian; Latin; Russian; Spanish.
- (iii) Geography (Parts I and 2); History (Parts I and 2).
- (iv) Mathematics (Parts I and 2); Science (Physics and Chemistry).

Each candidate who applies for admission to the First Year directly from a secondary school in Ontario must take appropriate aptitude and achievement tests.

EQUIVALENT CERTIFICATES Candidates submitting High School or Senior Matriculation certificates other than Ontario Grade 13 are advised to write the Office of Admissions, University of Toronto, for specific details on the subjects or standards required.

Candidates seeking admission on the basis of certificates which are in a language other than English, must submit photostatic copies of their certificates, rather than the original copies. Notarized English translations of the certificates must accompany the photostatic copies. When the certificates do not indicate the subjects studied and the grades secured in the individual subjects in the final year, candidates are required to submit certified statements from authorized officials of the institutions attended, or submit statutory declarations giving the required information.

Mature Students A candidate of mature age (25 years or older on October 1 of the Winter Session or July 15 of the Summer Session) who has lived in Ontario for a minimum period of one year and is normally resident in Ontario, may request special consideration for admission to the General Arts Course or the Degree Course for Graduate Nurses if he has a minimum of 60% in at least one Grade 13 subject and obtains standing in such other tests as may be required. For admission to the General Science Course he may request special consideration if he has a minimum of 60% in Mathematics A and at least two of Biology, Chemistry and Physics. A birth certificate must be submitted with the application. Possession of the minimum requirements does not ensure selection.

Admission Requirements

Special Students Special Students must meet one of the above requirements or provide an official statement from his Registrar that he is enrolled at another Ontario university and has permission to register for a specific subject at the University of Toronto. If seeking credit at a university outside Ontario, Special Students must provide an official transcript to indicate that they have obtained standing in at least one year of their course of study.

English Facility Requirements All applicants are required to submit evidence acceptable to the University of Toronto of facility in English. Candidates whose mother tongue is not English may be required to meet an appropriate standard in a recognized English facility test. The following evidence is acceptable:

a) *The University of Michigan English Language Test.* This test is available at the University of Toronto for residents of the Toronto area. Enquiries about writing the test in Toronto should be addressed to the Office of Admissions, Simcoe Hall, University of Toronto.

b) *The Certificate of Proficiency in English issued by the Universities of Cambridge or Michigan*

Information about writing the tests in (a) or (b) above in overseas centres may be obtained from the Office of Admissions, Simcoe Hall, University of Toronto. The University is prepared to consider other evidence of English facility which may be submitted for evaluation to the Office of Admissions.

Admission with Advanced standing An undergraduate of another university or of another faculty in this university may be admitted to advanced standing on such conditions as may be prescribed by the Faculty of Arts and Science or the School of Nursing as applicable.

CANDIDATES WHO HAVE PREVIOUSLY FAILED UNIVERSITY WORK. Candidates who have previously failed to secure the right to advance to a higher year at an institution of higher learning, may be considered for admission; candidates who have two previous failures are normally refused admission.

Transfers Students who wish to transfer to full-time studies in the Faculty of Arts and Science or the School of Nursing are advised to consult with the Assistant Director of Extension. Normally, students are required to complete all the subjects in their year before transferring to the next higher year.

Full-time students who wish to transfer to part-time studies should consult with the Registrar of their college.

Financial Assistance

UNIVERSITY WOMEN'S CLUB OF ETOBICOKE BURSARIES Through the generosity of the University Women's Club of Etobicoke, four bursaries valued at \$50 each will be awarded in the 1968-69 Winter Session and the 1969 Summer Session. (Two each Session).

The bursaries will be awarded on the recommendation of the Director, Division of University Extension to women students who have completed at least two subjects in a degree programme in the Division of University Extension with a satisfactory average and who show evidence of financial need. Applications must be received before September 15 for the Winter Session and May 1 for the Summer Session.

THE WILLIAM JAMES DUNLOP BURSARY As a tribute to the long services of the late Dr. W. J. Dunlop, who for thirty years was Director of the Division of University Extension, and in appreciation of his leadership in education in Ontario, colleagues and associates, on his retirement in June 1951, established a fund in the Faculty of Arts and Science to be known as the William James Dunlop Bursary.

The Bursary, of the value of \$100, is available only to elementary school teachers in Northern and Northwestern Ontario who have credit for at least two subjects in the Pass Course for Teachers or the General Arts Course as students of this Division. To be eligible, a student must enrol for two or more subjects in the Summer Session immediately following the award. This Bursary may be held only once by any student. Application must be made by April 15.

THE HARRIET M. LATTER BURSARY The Harriet M. Latter Bursary, in memory of the first Secretary of the Division of University Extension, of the value of approximately \$165, is available annually to a teacher enrolled in the General Arts Course who has completed, with reasonably good standing, at least four subjects in that Course as a student of this Division. On the recommendation of the Director, Division of University Extension, this Bursary will be awarded to a student wishing to enrol in University College or in the School of Graduate Studies. Application should be made not later than September 15.

Further information and application forms for the above Bursaries are available from the Director, Division of University Extension, 84 Queen's Park, Toronto 5.

Application and Registration

Application Procedures Students should distinguish between application for admission to the university and registration for courses. These are two separate procedures.

NEW STUDENTS must first apply for admission and provide evidence of meeting the admission requirements for their course before registering for specific subjects.

Upon receipt of a letter of admission from the Registrar which indicates admissibility to the University, the student may register for the specific subject(s) in which he wishes to enroll.

RETURNING REGULAR STUDENTS who have previously obtained standing in the Division of University Extension (Degree Courses) need not re-apply for admission but are required to register each session for courses in which they wish to study.

RETURNING SPECIAL STUDENTS must apply for admission to each session they wish to attend.

Candidates who are uncertain as to whether they meet the published admission requirements should communicate with the Office of Admissions, Simcoe Hall, University of Toronto, giving full details regarding their academic standing, before submitting formal applications.

Application forms are available from the Office of Admissions, University of Toronto, 928-2191, or the Division of University Extension, 928-2405. **Please indicate whether you wish a Special Student or a Regular Student application form.** (See classification of students, p. II.).

REGULAR STUDENTS Documents to be sent with the application form are:

1. The Ontario Grade 13 Certificate or an equivalent Certificate.
2. Birth certificates must be submitted by students seeking admission under the mature student regulation.
3. Students seeking admission to the Degree Course for Graduate Nurses must submit a transcript of professional training from a recognized Diploma School of Nursing.
4. In addition to the above, a student who has previously attended a university must submit an official transcript of record from any university previously attended.
5. Any other evidence of ability to take the work proposed.

SPECIAL STUDENTS Applicants applying for admission as a Special Student must submit a Special Student application form with the required documents as shown above.

A special student from another Ontario University must substitute for the above certificates, a letter from the authorities of his own university approving his enrollment in this course.

Application and Registration

FINAL DATES FOR APPLICATION Both Regular and Special students must send completed application forms with the required documents before the following dates:

Winter Session August 15, 1968

Summer Evening Session April 1, 1969

Summer Day Session May 15, 1969

Registration Procedures **REGULAR STUDENTS**

- ▲ New Students must apply for and receive a letter of admission to a Degree programme in the Division of University Extension before registering for courses. Upon receipt of the letter of admission from the Registrar of the University, the student may then register.
- ▲ Returning Students will receive by mail, the necessary registration information and forms by August 15 for the Winter Session and April 1 for the Summer Session.

SPECIAL STUDENTS

- ▲ Special Students must apply for admission to each session before registering for courses. Registration material will be mailed with letters of admission.

Students should complete the registration form as instructed and return it with fees in full to the Chief Accountant, 215 Huron Street, University of Toronto, Toronto 5.

Please indicate clearly the course number, and the campus on which you intend to take the subject.

It is the responsibility of the student to ensure that courses he chooses meet the academic requirements for the degree.

Admit-to-lectures cards will be issued promptly for the courses selected, but it is the responsibility of each student to choose courses that comply with published regulations. Students should be prepared to present admit-to-lectures cards when borrowing books from the Library, or writing examinations.

It is of the utmost importance that every detail of the Admit-to-Lectures Card be correct. Discrepancies, if any, should be reported promptly and the card returned for correction.

Changes of address are to be reported immediately.

FINAL DATES FOR REGISTRATION Students should register before the dates indicated below.

Winter Session September 10, 1968

Summer Evening Session May 1, 1969

Summer Day Session June 18, 1969

Application and Registration

Students who register after these dates will be subject to a late registration fee. (See Fees Section below).

Registrations will not be accepted after September 30, 1968, May 15 or June 30, 1969 as applicable.

Registration and Fees forms, together with cheque for **fees in full**, payable to the University of Toronto at par, Toronto, should be mailed to the Chief Accountant, University of Toronto.

Students are held financially responsible for the full fee of all courses in which they enrol unless they notify the Assistant Director, Division of University Extension, in writing, within four weeks of the date of withdrawal.

<i>Fees</i>	ACADEMIC FEE, each subject	\$95.00
	SUMMER PROGRAMME FEE*	
	Summer Day Session	5.00
	Summer Evening Session	2.00

LATE FEES

For registration from September 11 to September 15 inclusive for the Winter Session, May 2 to May 8 inclusive for the Summer Evening Session and June 19 to June 25 inclusive for the Summer Session

10.00

For registration from September 16 to September 30 inclusive for the Winter Session, May 9 to May 15 inclusive for the Summer Evening Session and June 26 to June 30 inclusive for the Summer Session

20.00

For late examination application A fee of \$1 per day to a maximum of \$20.

EQUIVALENT CERTIFICATE FEE (payable by students who submit non-Ontario certificates to cover admission requirements)	5.00
FOR GRANTING ACADEMIC CREDIT for work done at another university one or two subjects	5.00
three or more subjects	10.00

SUPPLEMENTAL EXAMINATION FEE

one subject	10.00
each additional subject	5.00

*Summer Programme Fee. Students registered in the Summer Evening Session who also register in the Summer Day Session need pay only an additional \$3 for summer activities. When registering for the Summer Day Session the student must indicate on his Summer Day Session Fees form the date and receipt number of the original \$2 payment.

*Application and Registration***OUTSIDE CENTRE EXAMINATION FEE**

one subject	10.00
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each additional subject	5.00
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(These fees are in addition to any supplemental fees that may be applicable.)

FEE (per subject) TO RE-CHECK EXAMINATION RESULTS	5.00
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(This fee will be refunded if an error in reporting the mark is detected.)

FEE FOR TRANSCRIPT OF RECORD†	1.00
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for each additional copy ordered at the same time	0.25
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†Transcripts of Record.

A student who requires proof that he has obtained standing in one or more courses in an Extension degree programmes should apply for an official transcript of his record. The fee is \$1 for the first copy and 25c for each additional copy ordered at the same time. Standard request forms may be obtained from the Assistant Director, Division of University Extension.

Student Services

Academic Counselling Students entering the University for the first time should meet with an academic counsellor in the Division of University Extension to discuss their academic programme. These students may arrange an appointment for counselling with a staff member of the Division. Counselling hours are arranged to meet the requirements of each student and are held at 84 Queen's Park. Staff members will also be available for counselling at Scarborough and Erindale Colleges. For counselling appointments at any campus, please telephone 928-2405.

Writing Laboratory The Writing Laboratory is a service designed to help students write more effectively. The staff of the Writing Laboratory will work with individual students as editorial consultants, analyzing their written work to help them overcome problems in the organization of ideas, sentence structure, word choice and the documentation of research sources. With the exception of an introductory lecture, the work of the Writing Laboratory is conducted in individual interviews on the basis of work in progress. Appointments for interviews should be arranged by telephoning 928-2405.

French Language Laboratory The Language Laboratory is equipped so that students may work on perfecting their pronunciation through the use of recorded material, with self correction furnished by the listen-playback method, plus extra correction by experienced lab instructors. Hours of operation for the Language Laboratory will be announced in class at the beginning of each session.

Library Facilities For complete details on Library services please consult the *Student's Guide to the University Library*, which is available on request from the Central Library.

Access to a substantial collection of books is essential to students enrolled in a degree programme. To familiarize students with the library system and to assist them to make the most efficient use of resources available, a library orientation tour will be held the first few weeks of lectures during each session. Announcements regarding times and dates will be distributed at the beginning of each session.

ST. GEORGE CAMPUS Library books may be borrowed as follows:

1. In the University Library there is a special collection of books for Extension students. Books classified in the Humanities and Social Sciences, and which are on recommended reading lists, are located in the Library at 47 Queen's Park and are for exclusive use of the students of this division. Books classified in the Physical and Applied Sciences, and in the Biological and Medical Sciences, are available in the Reserve Books located in the Stack of the Central Library and

Student Services

may be borrowed for a one week period, unless restricted to use in the Library only.

2. Students registering for the Summer Day or Evening Session should consult the *Summer Student's Handbook* for information regarding Library services available during the Summer Session.

SCARBOROUGH AND ERINDALE CAMPUSES Students will have access to the libraries at Scarborough and Erindale Colleges. A library orientation tour will be held at the beginning of each session to acquaint students with library facilities. Students at the Scarborough and Erindale Campuses also have library privileges at the Central Library on the St. George Campus.

HOURS OF SERVICE — WINTER SESSION

47 Queens Park

Monday-Friday: 11.00 a.m.-11.00 p.m.

Central Library

Monday-Friday: 9:00 A.M. to Midnight.

Saturday: 9:00 A.M. to 5:00 P.M.

Sunday: 1:00 P.M. to 10:00 P.M.

Scarborough and Erindale Campuses

Monday-Thursday: 9:00 A.M. to 10:00 P.M.

Saturday: 10:00 A.M. to 4:00 P.M.

Detailed hours of library service for the Summer Session will be published in the *Summer Student's Handbook*.

Bookstore Facilities **WINTER SESSION** Books may be purchased at the University of Toronto Bookstore on the St. George Campus, the Scarborough College Bookstore and the Erindale College Bookstore. In addition to the regular hours of service from 9:00 A.M. to 6:00 P.M., Monday to Friday, the bookstores will be open in the evenings as follows:

St. George Campus (September 16 to October 18)

Monday to Thursday: 6:00-9:30 P.M.

Saturday, September 21 and 28: 9:30 A.M. to 12:30 P.M.

Scarborough Campus (September 16 to October 18)

Monday to Thursday: 7:00 to 9:00 P.M.

Saturday, September 21 and 28: 9:30 A.M. to 12:30 P.M.

Erindale Campus (September 16 to September 27)

Monday to Wednesday: 7:00 to 9:00 P.M.

Student Services

SUMMER SESSION In addition to the regular service during the day, the bookstore will be open on evenings when classes are held as required. Details on Summer Evening and Summer Day Session hours will be published in the *Summer Student's Handbook*.

Dining Facilities – Winter Session Dining facilities are available for students who wish to come to classes directly from their place of employment. On the St. George Campus, students may use the following facilities: New College Dining Hall, Hart House Great Hall (Men only), Women's Union, University College Refectory. The Cafeterias at Scarborough and Erindale Colleges will also provide food service in the evenings.

Parking Regulations Students are urged to use public transportation to the St. George Campus, as parking is limited on or near the campus. A fee of 50c is charged for parking facilities on the main campus. After 7.00 p.m. a fee of 25c is charged at the parking lots on campus.

Recreation and Athletics – Winter Session Women students proceeding to the degree may take out membership in the activities of the Benson Building (Women's Athletic Building) at a cost of \$17. Apply at the office of the Benson Building.

Men students may join Hart House as special undergraduate members at a fee of \$25. This entitles them to join the Glee Club, Camera Club, art classes and many other special interest groups. Apply for membership at the Graduate Office on the main floor.

A limited number of athletic memberships are available on application at the Athletic Office at an additional fee of \$17 for the academic session.

Summer Activities From the beginning of the Summer Day Session in July, a variety of extracurricular activities and services will be offered for students registered in summer evening or day classes. These include an information centre, athletics, "Hart House Wednesday Night," concerts, lectures, discussion interviews, a summer school choir and a Weekly Bulletin. Please consult the *Summer Student's Handbook* for complete details on activities and services available during the Summer Session.

Student Services

Residence Accommodation Rochdale College will open in September, 1968, to offer student accommodation of varying forms. Single and double rooms, suites, and apartments will be offered at reasonable rates. Total accommodation will be about 850 students, both male and female. A large cafeteria is contained within the building. Students may take advantage of the educational programme of Rochdale College on either a full- or part-time basis if they so desire. Rochdale College will be operated on the Co-operative System. Since the University of Toronto has no official connection with Rochdale College, all inquiries should be addressed direct to: Rochdale College, Reservations Office, 395 Huron St., Toronto 5. Telephone 921-3168.

Summer Session Residence Accommodation Many students prefer to live near or on the campus during the Summer Session. Reservations for rooms should be made early. It is suggested that interested students write for full information about the availability and cost of accommodation not later than March. Women students may apply to any of the following: Bursar, Victoria College; Dean of Women, University College; Bursar, Trinity College; Dean of Residence, St. Joseph's College; Dean of Residence, Loretto College; Residence Supervisor, University of Toronto Residences.

Men students may write to: Bursar, Victoria University; Dean of Men, University College; Bursar, Trinity College; Director of Summer Residence, St. Michael's College; Dean of Students, New College; Bursar, Massey College; Secretary of Devonshire House.

Students wishing accommodation in other than University or College residences should mail inquiries to: Housing Service, 134 St. George St., Toronto 5, Ontario for a list of rooming houses, flats, apartments and homes near the campus.

For detailed information regarding services and facilities available on campus, please consult the *Summer Student's Handbook* which will be mailed to each student with his A.T.L. card.

Degree Programmes

The Division of University Extension of the University of Toronto offers evening and part-time courses leading to the degrees of Bachelor of Arts, Bachelor of Science, and Bachelor of Science in Nursing. Students proceeding towards a University of Toronto degree through the Division of University Extension follow the same programme of studies as do students in full-time attendance in day classes.

To facilitate understanding of the following pages the definitions of Division, Subject and Course follow:

- (i) The Division or Group is the over-all area of study, i.e., the Humanities, the Social Sciences, Science.
- (ii) The subject is the topic, e.g., English.
- (iii) The Course is the specific area within the subject which is to be studied, e.g., English 100 or English 200, etc.

PROGRAMME OF STUDIES

The use of the terms "First Year courses", "Second Year courses", etc., on the following pages is merely a convenient way of indicating the number of courses an Extension student is required to complete in order to obtain the equivalent number of courses a "full-time" student takes in each year of attendance in day classes. A student may enroll in a maximum of four courses in any one year (September to August inclusive). In the Winter Session, a student may take a maximum of three courses. Students may take one course in the Summer Evening Session or two courses in the Summer Day Session, or two courses in the Summer Day Session and Summer Evening Session combined. The diagram below illustrates four possible programmes of study a student might follow in any given year if he wanted to take a maximum of four courses. However, students would be well advised to begin their studies with a less demanding programme.

WINTER SESSION	SUMMER EVENING	SUMMER DAY
1968-69	1969	1969
2 courses	none	2 courses
2 courses	1 course	1 course
3 courses	1 course	none
3 courses	none	1 course

ATTENDANCE IN DAY CLASSES

Normally students in day classes during the Winter Session must be in full-time attendance. Students who proceed towards their degree on a part-time basis during the Winter do so in evening classes. Upon petition, Extension students who wish to take one or two subjects in day classes during a Winter Session may be granted permission to do so, subject to limitation of enrollment, provided that they give a satisfactory reason for their request. The permissible maximum of three subjects in one session may not be exceeded.

General Arts Course

The requirements and regulations governing the specific degree programmes are contained in the following pages. The course descriptions and time-tables are found on pages 41-74. Students are advised to study this calendar carefully since they are solely responsible for choosing courses which meet the various degree requirements and for following all the regulations governing their academic conduct.

General Arts Course

The General Arts Course provides a broad foundation in the humanities, social sciences and natural sciences. It presents students with a broad rather than an intensive programme in a particular field of study. There are two groups for whom a General Arts programme has a particular appeal. One is composed of those who are already engaged in a specialized or professional field and who wish to broaden their knowledge, insight and background. The other is composed of those who plan on a career in specialized or professional areas such as social work, commerce, teaching, law, journalism, library science, etc., and who wish to secure a foundation for later specialization. Graduates with good standing may also proceed to a "qualifying year" for entry to the School of Graduate Studies or for a Type A course at an Ontario College of Education.

The General Arts Course brings the student into contact with the main fields of knowledge and the main types of academic discipline at the university level. The subjects offered are divided into four groups, representing the languages, the natural sciences and mathematics, the humanities, and the social sciences. In his programme of study, the student must take some subjects from each of the above groups and is given the opportunity to concentrate or specialize to some extent in one of them. The course thus provides for coherence and continuity as well as balanced diversity.

Requirements for the degree To qualify for the degree of Bachelor of Arts, a student must obtain standing in sixteen courses—six First Year courses, five Second Year and five Third Year courses.

How to choose courses **FIRST YEAR**

- a) Six courses must be chosen, to include at least one from each of the four groups shown on page 27.
- b) No more than two languages from Group I may be chosen. Only one language in which the student lacks Grade 13 standing may be chosen.
- c) If Chinese, Hebrew or Japanese are taken in the First Year, they must be also taken at the Second Year level and standing obtained in both years.

General Arts Course

- d) No more than two laboratory subjects from Group I may be chosen.
- e) In selecting subjects for the First Year, the student must keep in mind the regulations governing the choice of subjects in the Second and Third Years and must take the subject in which he intends to concentrate.
- f) Students are normally required to complete all the courses of the First Year before any Second Year work is taken. This will enable them to make their choice of a subject of concentration more intelligently.
- g) Students "on probation" must choose their first five subjects from the academic First Year.

SECOND AND THIRD YEARS

- a) In each year five courses must be chosen from at least three of the four groups on pages 28 and 29. Two of these five courses will constitute the subject of concentration.
- b) In addition to the courses in the subject of concentration, three other subjects shall be chosen. Two of these three subjects shall be chosen from groups outside that in which the subject of concentration falls.
- c) The subject of concentration and two of the three other subjects chosen in the Second Year must be continued in the Third Year.
- d) A student may not enrol in a higher year of a subject requiring a prerequisite, unless he has standing or a satisfactory term mark in the preceding course of the sequence.
- e) Only two courses in Philosophy may be chosen in each year.
- f) Only two laboratory subjects from Group II may be chosen in each year.

SUBJECT OF CONCENTRATION

Students in the General Arts Course must include in their programmes, a 'Subject of Concentration'. This subject consists of five courses as follows:

- a) one at First Year level
 - b) two at Second Year level
 - c) two at Third Year level
- e.g. if the subject of concentration is "French"

First Year: French 100

Second Year: French 200 (Regular Course)

French 201 (Concentration course)

Third Year: French 300 (regular course)

French 301 (concentration course)

Students concentrating in Philosophy must choose one of the following sequences:

<i>First Year</i>	102	or	100	or	100
<i>Second Year</i>	202, 203		202, 200		206, 208
<i>Third Year</i>	302, 303		302, 300		306, 308

General Arts Course

Students concentrating in History should note that the concentration sequence has been changed. History 201 and History 301 are no longer offered as concentration courses. Instead a student may take in Second or Third Year one regular course and one concentration (honour) course or they may take two concentration (honour) courses. In Second Year the following combinations are not permitted:

History 200 and 221

History 202 and 225

In Third Year they may take History 300 unless they have taken History 224 in Second Year. The honour courses available for concentration in the 1968-69 Winter Session are indicated in the time-table and course description sections of this calendar.

Students concentrating in Anthropology should note that Anthropology 201 and 301 are no longer offered as concentration courses. Students may now choose one honour course in Second and Third Year as their concentration course instead of Anthropology 201 or 301. The honour courses available for concentration in the 1968-69 Winter Session are indicated in the time-table and course description sections of this calendar.

STANDING IN CONCENTRATION SUBJECTS

- a) The regular course of either year must be taken before the concentration course of the same year, unless they are taken concurrently.
- b) Both Second-Year courses must be completed with the required 60% average, before the third-year concentration course is commenced.
- c) Whether the two courses of a year are taken concurrently or separately, a student is considered to have failed once when on his initial attempt he attains less than 50% in one course or averages less than 60% for both.
- d) If a student takes the regular course first, he must attain 50% before he can enrol in the concentration course. If he makes two attempts before gaining the 50% and then achieves less than either 50% in the concentration course or a 60% average, he is considered to have failed twice. He will then be required to withdraw and refused re-enrolment in the Faculty.
- e) If a student fails once to obtain standing he may change his subject of concentration. He is then allowed the normal two attempts to maintain standing in the new subject. He is permitted to change his concentration subject only once.
- f) A student who changes his subject of concentration and has at least 50% in the regular course of his first subject of concentration, may count this course toward his degree.

FIRST YEAR COURSES

GROUP I — LANGUAGES

SUBJECT	PREREQUISITE
East Asian Studies 100 (Chinese)	none
East Asian Studies 104 (Japanese)	none
French 100	13 French
German 100	13 German
Italian 100	none
Latin 100	13 Latin
N. E. Lang. 100 (Heb.)	none
Slavic 100 (Russian)	none
Spanish 100	none

GROUP II — SCIENCES

SUBJECT	PREREQUISITE
Actuarial Science 100	13 Math. A and Math 100
Astronomy 101	none
Botany 101	none
Chemistry 100	none
Geography 100	none
Geology 101	none
Mathematics 100	13 Math. A.
Physics 100	none
Zoology 101	none

GROUP III — HUMANITIES

SUBJECT	PREREQUISITE
Classics in Translation 100	none
East Asian Studies 106	none
East Asian Studies 108	none
English 100	none
Fine Art 100	none
Greek & Roman History 100	none
History 100	none
Linguistics 100	none
Music 100	none
Philosophy 102	none
Philosophy 108	none
Religious Studies 100	none

GROUP IV — SOCIAL SCIENCES

SUBJECT	PREREQUISITE
Anthropology 100	none
Economics 100	none
Philosophy 100 (Ethics)	none
Political Science 100	none
Psychology 100	none
Sociology 100	none

Note: A student desiring a general knowledge of science, may select as one of his subjects in each of the First, Second and Third Years, one of the above sciences from Group II even though they are all First Year courses.

*General Arts Course***SECOND YEAR COURSES****GROUP I — LANGUAGES**

SUBJECT	PREREQUISITE	CONCENTRATION COURSES
East Asian Studies 200 (Chinese)	100	
East Asian Studies 204 (Japanese)	104	
English 200	none	English 201
French 200	100	French 201
German 200	100	German 201
Italian 200	100	Italian 201
Latin 200	100	Latin 201
N.E. Lang. 200 (Hebrew)	100	
Slavic 200 (Russian)	100	Slavic 201
Spanish 200	100	Spanish 201

GROUP II — SCIENCES

SUBJECT	PREREQUISITE	CONCENTRATION COURSES
Actuarial Science 200	Act. Sci. 100 & Math. 100	Statistics 201
Geography 200	100	Geography 201
Mathematics 200	Mathematics 100	Mathematics 201 or Statistics 201

GROUP III — HUMANITIES

SUBJECT	PREREQUISITE	CONCENTRATION COURSES
Classics in Translation 200	none	
East Asian Studies 206	none	
East Asian Studies 208	none	
East Asian Studies 210	none	
English 200	none	English 201
Fine Art 200	none	Fine Art 201
Greek and Roman History 200	none	
History 200 or 202	none	See page 26
Linguistics 200	none	
Music 200	none	Music 201
Philosophy 202	none	Philosophy 203
Philosophy 208	none	See page 25
Religious Studies 200	none	

GROUP IV — SOCIAL SCIENCES

SUBJECT	PREREQUISITE	CONCENTRATION COURSES
Anthropology 200	none	See page 26
Economics 200	none	Economics 201
Philosophy 200 (Ethics)	none	See page 25
Philosophy 206	none	See page 25
Political Science 200	none	Political Science 201
Psychology 200 or 206	100	Psychology 201
Sociology 200	100	Sociology 201

General Arts Course

THIRD YEAR COURSES

GROUP I — LANGUAGES

SUBJECT	PREREQUISITE	CONCENTRATION COURSES
English 300	none	English 301
French 300	200	French 301
German 300	200	German 301
Italian 300	200	Italian 301
Latin 300	200	Latin 301
Slavic 300 (Russian)	200	Slavic 301
Spanish 300	200	Spanish 301

GROUP II — SCIENCES

SUBJECT	PREREQUISITE	CONCENTRATION COURSES
Actuarial Science 300	Actuarial Science 200 & Math. 200	†Statistics 301 or Comp. Sc. 301
Geography 300	100	Geography 301
Mathematics 300	200	Mathematics 301 or †Statistics 301

GROUP III — HUMANITIES

SUBJECT	PREREQUISITE	CONCENTRATION COURSES
Classics in Translation 300	none	
East Asian Studies 306	none	
English 300	none	English 301
Fine Art 300	200	Fine Art 301
Greek & Roman History 300	none	
History 300	none	See page 26
Linguistics 300	none	
Music 300	100 or 200	Music 301
Philosophy 302	none	Philosophy 303
Philosophy 308	none	See page 25
Religious Studies 300	none	

GROUP IV — SOCIAL SCIENCES

SUBJECT	PREREQUISITE	CONCENTRATION COURSES
Anthropology 300	200	See page 25
†Economics 300	100	Economics 301
Philosophy 300 (Ethics)	none	See page 25
Philosophy 306	none	See page 25
Political Science 300	200	Political Science 301
Political Science 302	none	
Psychology 300 or 304	100, 200 or 202	Psychology 301 or 303 or 305
Sociology 300	100	Sociology 301

†Additional prerequisite for Statistics 301 is Statistics 201.

‡Students will be permitted to substitute Economics 300 in second year and take Economics 200 in third year in place of Economics 300.

General Science Course

This course is designed to give students a basic education in the sciences, rather than an intensive programme of study of one particular branch of science. Students may concentrate in a particular field to some extent in the Second and Third Years by a suitable selection of options, and the opportunity also exists for concentration in Mathematics. Although in each year the emphasis is on science, courses in the humanities and social sciences are also required.

This course provides an excellent background for positions in industry and a means of entry for applicants with good standing to Dentistry (after First Year) and to Medicine (after Second or Third Year). Graduates interested in a career in secondary school teaching qualify for admission to the Type B Certificate course at an Ontario College of Education, and may obtain endorsement of this Certificate in Science and/or Mathematics. By an additional year of study, graduates with good standing may qualify for admission to the Type A course, or may proceed to a "make up" year for entry to the School of Graduate Studies.

Requirements for the degree To qualify for the degree of Bachelor of Science, a student must obtain standing in sixteen courses — six First Year courses, five Second Year and five Third Year courses.

How to choose courses The six First Year subjects are all compulsory. Students enrolling for Second Year courses must choose their Science courses carefully, bearing in mind an overall programme which can fit two basic considerations:

- a) Their own interests and personal careers.
 - b) The prerequisites required by the Third Year subjects of interest.
- Students should choose their subjects in Second and Third Year after consultation with a counsellor of the Division of Extension. Students wishing to enter Medicine must consult with the Faculty of Medicine regarding the selection of Second Year courses.

ONE-HOUR OPTIONS

In each year of the full-time programme, a course in Religious Knowledge or a one-hour option for it must be taken. Students taking the General Science Course in evening classes through the Division of Extension are permitted to take one three-hour course in an appropriate humanities or social science subject of the General Arts programme instead of the three one-hour courses in Religious Studies or options which are not available in evening classes. This course must be chosen in consultation with a counsellor of the Division of Extension.

Students should note that Second and Third Year sciences require attendance at class two evenings each week in the Winter Session.

General Science Course

COURSES

FIRST YEAR

Botany 110	Mathematics 110
Chemistry 110	Physics 110
English 110	Zoology 110

SECOND YEAR

<i>One of</i>	Philosophy 210 or 211	
	A social science option	
<i>Four of</i>	* Astronomy 210	Psychology 210
	Botany 210	Zoology 210
	Botany 211	Zoology 211
	Chemistry 211	† Mathematics 211
	Chemistry 214	Physics 210
	Mathematics 210	‡ Physics 211

THIRD YEAR

<i>One of</i>	Greek and Roman	
	History 310	
	History 310	
	Literature 310	
<i>Four of</i>	Applied Mathematics 310	Microbiology 310
		Physics 310
	* Astronomy 310	** Physics 311
	Biology 310	Statistics 310
	Botany 310	Zoology 310
	Botany 311	Zoology 311
	Chemistry 314	Geology 100 or a science
	Chemistry 317	option not chosen in
	Computer Science 311	the Second Year
	Mathematics 311	

*Astronomy 210 or 310 is accepted by the Department of Education as a credit in Physics for Type B Certificate endorsed in Physics.

†Students enrolled in Mathematics 211 must also be enrolled in Mathematics 210.

‡Students enrolled in Physics 211 must also be enrolled in Mathematics 210 and it is recommended that Physics 210 be taken concurrently.

**Students enrolled in Physics 311 must also be enrolled in Physics 310 and Applied Mathematics 310.

COURSE PREREQUISITES

FIRST-YEAR COURSES

1. Students who enrol in Chemistry 110 or Physics 110 must have obtained standing in Mathematics 110 or enrol in it concurrently.
2. Students who enrol in Zoology 110 must have obtained standing in Chemistry 110 and Physics 110. If he has standing in either Chemistry 110 or Physics 110 he may take the second course concurrently with Zoology 110.
3. Students may not enrol in Second Year laboratory Sciences until they have obtained standing in all First Year Laboratory Sciences.

General Science Course

SECOND-YEAR COURSES	PREREQUISITE
Astronomy 210	Physics 110 and Mathematics 110
Botany 210	One first-year course in Botany or Zoology or Biology
Botany 211	One first-year course in Botany or Zoology or Biology
Chemistry 211	Chemistry 110
Chemistry 214	Chemistry 110
Mathematics 210	Mathematics 110
Mathematics 211	Mathematics 110
Philosophy 210	None
Philosophy 211	None
Physics 210	Physics 110 and Mathematics 110
Physics 211	Physics 110 and Mathematics 110
Psychology 210	None
Zoology 210	One first-year course in Botany or Zoology or Biology
Zoology 211	One first-year course in Botany or Zoology or Biology

THIRD-YEAR COURSES	PREREQUISITE
Applied Mathematics 310	Mathematics 210
Astronomy 310	Astronomy 210 <i>and</i> Physics 210 <i>and</i> Mathematics 210
Biology 310	First-year Botany <i>or</i> Zoology <i>or</i> Biology
Botany 310	Botany 210 <i>or</i> 211
Botany 311	Chemistry 211 <i>and</i> first-year Botany <i>or</i> Zoology <i>or</i> Biology
Chemistry 314	Chemistry 214
Chemistry 317	Physics 210 <i>or</i> Mathematics 210
Computer Science 311	Mathematics 210
Mathematics 311	Mathematics 211
Microbiology 310	First-year Botany <i>or</i> Zoology <i>or</i> Biology
Physics 310	Physics 210 <i>and</i> Mathematics 210
Physics 311	Mathematics 210 <i>and</i> Physics 210
Statistics 310	Mathematics 110 <i>or</i> 115
Zoology 310	First-year Botany <i>or</i> Zoology <i>or</i> Biology; Chemistry 211 and Physics 210 are not prerequisites, but are strongly recommended.
Zoology 311	First-year Botany <i>or</i> Zoology <i>or</i> Biology
Geology 100	No prerequisite, but first-year Chemistry is recommended.

Degree Course for Graduates of Diploma Schools of Nursing

This course is designed to prepare graduate nurses for professional responsibility in the fields of hospital and public health administration, for teaching in schools of nursing, and for supervision of nursing service. This course leads to the Degree of Bachelor of Science in Nursing.

Study in the humanities, sciences and social sciences is associated with nursing throughout the course. Concepts in public health and of mental health are emphasized in the teaching of nursing subjects.

Requirements for the degree To qualify for the degree, a student must obtain standing in sixteen courses — six First Year courses, five Second and five Third Year courses.

How to choose Courses The First and Second Year courses are offered through part-time studies through the Division of Extension. Upon successful completion of the First Year courses, students may transfer to full-time studies in the School of Nursing or may continue their studies through Extension until they have completed the Second Year courses. Students who wish to register for the Second Year courses through the Division of Extension must have a minimum of a "B" average in five of their First Year courses before enrolling in a Second Year course in Extension. Third Year courses are available only through the School of Nursing and all students are required to attend regular, full-time studies in the School of Nursing for the Third Year courses.

At the present time Nursing 210 is available only in day classes in the School of Nursing during the regular Winter Session. Extension students may enrol in Nursing 210 if clinical and laboratory facilities permit.

SECOND YEAR COURSE PREREQUISITES

- 1) Physiology 321, 371 and Preventive Medicine 300 must be taken concurrently with or before Nursing 210.
- 2) Biological Chemistry 103 and Zoology 141 must be taken before Physiology 321, 371.
- 3) Nursing 110 must be taken before Nursing 210.

TIME LIMIT

Students will be required to complete the Degree Course programme within eight years from the time of initial registration. When a period of over five years has elapsed between the completion of Nursing 110 and 210, or Nursing 210 and 310, these subjects will be evaluated in terms of the content when the student seeks admission to the Second or Third Year.

Degree Course For Graduate Nurses

COURSES

FIRST YEAR	Biological Chemistry 103	Psychology 100 or 202
	English 110	Sociology 100
	Nursing 110	Zoology 141†
SECOND YEAR	Nursing 210	Physiology 321, 371
	Philosophy 210	Psychology 304
	Preventive Medicine 300	
THIRD YEAR	Literature 310	Nursing 401
	Nursing 310	Psychology 319
	Nursing 311	

†Students enrolling for Zoology 141 in the Winter Session may not enrol in any other course at the same time. Zoology 141 will require attendance in classes two evenings each week.

Courses leading to Type A Certification

Any teacher who wishes to use the following courses for credit toward the academic requirements for Type A certification should write to the Director, Advanced Academic Requirements, College of Education, University of Toronto, for an official ruling on his standing. This will ensure that the courses in which he wishes to enrol will meet the requirements for his academic programme. Each course, when approved, will carry credit at the College of Education towards Type A requirements.

Students who require courses for endorsement purposes should consult the General Arts Course and General Science Course sections of this calendar for courses which may be acceptable to the College of Education.

A student who wishes to take Type A or endorsement courses must apply for admission as a Special Student. (See the section on "Application and Registration" for regulations governing Special Students.)

The fee for each Type A course is \$115.00.

COURSE DESCRIPTIONS

Computer Science

301. INTRODUCTION TO COMPUTING. Stored-program computers and algorithmic programming languages. Fortran. Applications to quadrature, solving linear and non-linear algebraic equations, statistics, actuarial science, sorting, critical path scheduling. Tuesday, 7.30-9.30 p.m. New McLennan Laboratories, Room 134.

Courses leading to Type A Certification

English 125. OLD ENGLISH LANGUAGE AND LITERATURE. *Seven Old English Poems* (ed. Pope, Bobbs-Merrill). Other texts to be assigned. Monday, 7.30-9.30 p.m. Sidney Smith Hall, Room 1084.

320. ENGLISH PROSE, POETRY, AND DRAMA, 1660-1800. The works of Dryden, Swift, Pope, and Johnson, for special study; Pepys, selections from *The Diary* (recommended edition, O. F. Morshead, ed., Harper Torchbooks); Addison and Steele, selections from *The Tatler* and *The Spectator*, (recommended edition, R. J. Allen, ed., Rinehart Editions); Horace Walpole, selected letters; Boswell, *The Life of Samuel Johnson*; Wycherley, *The Country Wife*; Congreve, *The way of the World*; Gay, *The Beggar's Opera*; Sheridan, *The School for Scandal*; selections from Butler, Rochester, Halifax, Defoe, Prior, Thomson, Young, Collins, Gray, Smart, Goldsmith, Gibbon, Burns, Cowper, Burke (recommended text, *English Prose and Poetry, 1660-1800*, ed. Frank Brady and Martin Price, Rhinehart Editions). Tuesday, 7.30-9.30 p.m., Sidney Smith Hall, Room 2129.

335. ENGLISH DRAMA TO 1642. *Noah's Flood* (Chester); *Abraham and Isaac* (Brome); *Secunda Pastorum*; *Everyman*; Heywood, *The Four P.P.*; Udall, *Ralph Roister Doister*; Norton and Sackville, *Gordoduc*; Lyly, *Endymion*; Peele, *The Old Wives' Tale*; Marlowe, *Tamburlaine*, Part I, *Doctor Faustus*, *Edward II*; Kyd, *The Spanish Tragedy*; Shakespeare, with special reference to at least seven of the following: *Love's Labour's Lost*, *Richard III*, *Much Ado About Nothing*, *As You Like It*, *Troilus and Cressida*, *Othello*, *Macbeth*, *King Lear*, *Coriolanus*, *The Winter's Tale*; Jonson, two of the following: *Everyman in His Humour*, *Sejanus*, *Volpone*, *The Alchemist*, *Bartholomew Fair*; at least six of the following: Dekker, *The Shoemakers Holiday*; Marston and Webster, *The Malcontent*; Chapman, Jonson, and Marston, *Eastward Ho*; Beaumont and Fletcher, *Philaster* or *A King and No King*; Webster, *The Duchess of Malfi*; Middleton and Rowley, *The Changeling*; Middleton, *A Game at Chesse*; Massinger, *A New Way to Pay Old Debts*; Ford, *The Broken Heart*. Wednesday, 7.30-9.30 p.m., Sidney Smith Hall, Room 2127.

440. MODERN NOVEL. Special study of: Hardy, *Tess of the D'Urbervilles*; James, a selected novel; Moore, *Esther Waters*; Conrad, *Lord Jim*; Galsworthy, *The Man of Property*; Bennett, *The Old Wives' Tale*; Forster, *Howards End*; Lawrence, *Sons and Lovers*; Joyce, *A Portrait of the Artist as a Young Man*; Woolf, *To the Lighthouse*; Huxley, *Point Counter Point*; Cather, *Death Comes for the Archbishop*; Hemingway, selected novel; Faulkner, *The Sound and the Fury*; a Canadian novel, or another novel in English. Thursday, 7.30-9.30 p.m., Sidney Smith Hall, Room 592.

Courses leading to Type A Certification

Food Science **491. EUTHENICS.** A lecture course on (1) effect of heredity and environment on the family and (2) Money management for consumers. Thursday, 7.30-9.30 p.m., Food Sciences Building, Room 10.

French **335-428. FRENCH CANADIAN AND CONTEMPORARY FRENCH LITERATURE.** Wednesday, 7.30-9.30 p.m., Sidney Smith Hall, Room 1072.

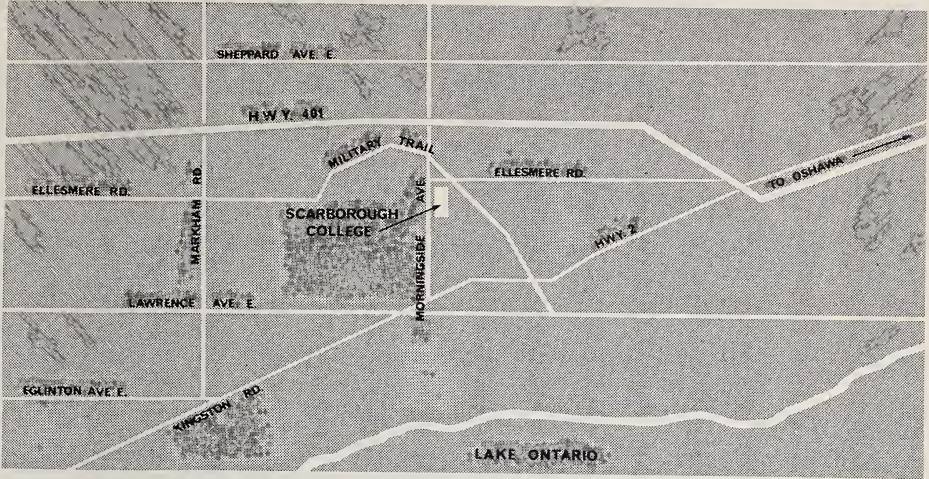
147-345. FRENCH PHONETICS AND ORAL FRENCH. Tuesday, 7.30-9.30 p.m., Ramsey Wright Bldg., Room 143.

Geography **426. INDUSTRIAL GEOGRAPHY.** Tuesday, 7.30-9.30 p.m., Sidney Smith Hall, Room 612.

History **341. ITALY SINCE 1789.** The unification of the Italian peninsula, the liberal regime (1870 to 1922), and the Fascist era. Liberalism, nationalism, imperialism, and church-state relations are the major themes. The socio-economic problems that caused emigration and the impact of emigration are also studied. Monday, 7.30-9.30 p.m., Ramsey Wright Bldg., Room 142.

342. EUROPEAN INTELLECTUAL HISTORY. The ideas, attitudes and myths of representative intellectuals in Europe, 1815-1914. Social and historical context of intellectual trends are considered. Representative thinkers include St. Simon, Fourier, Comte, Hegel, Feuerbach, Marx, Schopenhauer, Nietzsche, Mill, Spencer. Monday, 7.30-9.30 p.m., Ramsey Wright Bldg., Room 229.

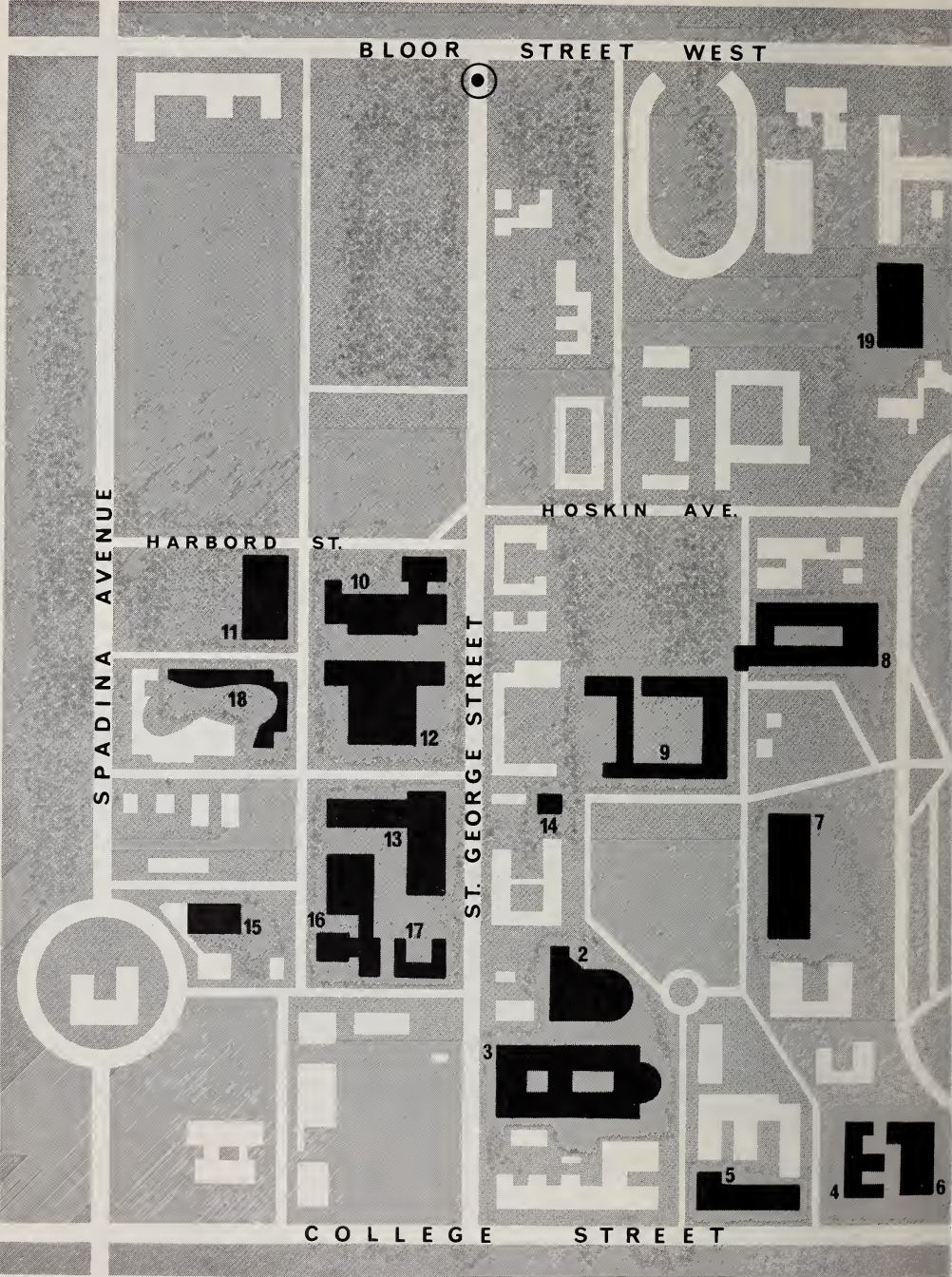
SCARBOROUGH COLLEGE

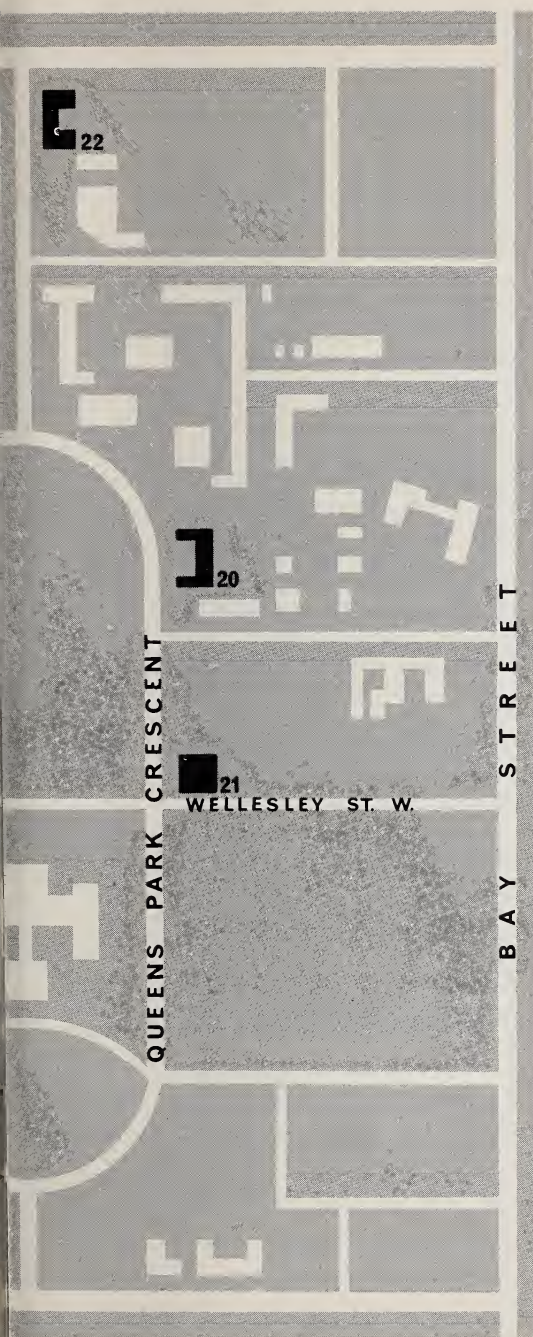


ERINDALE COLLEGE



ST. GEORGE CAMPUS





Division of University
Extension/**1**

Benson Building/**11**

Book Stores

(a) Texts/**15**

(b) Paperbacks and
Stationery/**14**

Botany Building/**6**

Central Library/**7**

Edward Johnson Building/**19**

Food Sciences/**22**

Galbraith Building/**3**

Hart House/**8**

Lash Miller Building/**13**

Mining Building/**5**

New College/**18**

Physics Building (New McLennan
Laboratories)/**16**

Ramsay Wright Laboratories/**10**

School of Hygiene/**4**

School of Nursing/**17**

Sidney Smith Hall/**12**

St. Joseph's College/**21**

Teefy Hall/**20**

University College/**9**

Subway Stations/⊙

Programmes and Timetables

GENERAL ARTS COURSE

Six Year Programme—St. George Campus/42-43

Six Year Programme—Scarborough Campus/44

Three Year Programme—Erindale Campus/44

GENERAL SCIENCE COURSE

Six Year Programme—St. George Campus/45

DEGREE COURSE FOR GRADUATE NURSES

Six Year Programme—St. George Campus/45

TIMETABLES—DEGREE COURSES

1968-69 Winter Evening Session/46-50

1969- Summer Session/51-54

The following additions and changes have been made to the General Arts Course, Extension Programme beginning this session.

East Asian studies (Japanese), Linguistics, Religious Studies.

A concentration sequence in Italian has been introduced in the 1968-69 session.

The concentration sequences in Anthropology and History have been changed.

General Arts Course — St. George Campus / SIX YEAR PROGRAMME

Subject	Winter Session 1968-69	Summer Session Day	Summer Session 1969 Evening	Winter Session 1968-70	Winter Session Day	Summer Session 1970 Evening	Winter Session 1970-71	Summer Session 1971 Day	Summer Session 1971 Evening
Actuarial Science	100	—	100,200,300	200	—	100,200†	300	—	—
Anthropology	321	100,200,221,300	100,200 300	100,200,300†	100,200,300	100,200,300	100,200,300	100,300	100
Astronomy	101	—	—	101	101	—	—	—	—
Botany	—	—	—	101	101	—	101	—	—
Chemistry	100	100	—	—	100	—	—	—	—
Classics in Translation	100	100,200	—	200	200	—	300	300	—
East Asian Studies	100,104,206,210	106	106	200,204,206	—	—	104,306	—	—
Economics	100,200,201	100,200	100,200	100,300,301	100,300	100	100,200,201	100,200	—
English	100,200,201,300 301	100,200,201 300,301	100,200, 201,300, 301	100,200,300,301	100,200,300	100,200	100,200,300	100,200,201,300	100
Fine Art	100,200,201	200	100,200	100,300,301	300	100	100,200	100	—
French	100,200,201	100,200,201, 300,301	100,200, 300,301	100,300,301	100,300	100	100,200	100,200,201	100
Geography	100,200,201,300	100,201,300	—	100,200,300,301	100,200	—	100,200,201,300	100,300	—
Geology	101	—	—	—	—	—	101	101	—
German	100,200,201	100,200,201	—	100,300	100,300,301	—	100,200,201	100,200	—
Greek and Roman History	100	100,200	—	200	—	—	300	—	—
History	100,200,300	100,300†	100,200†	100,200,300†	100,200	100	100,200,300†	100,300	100,200
Italian	341,342	100,200,300	300	100,200,300,301	100,200,300	100,200	100,200,201,300	100,200,300	100,200
Latin	100,200,201,300	100,200	100,200	100,300	100,300	—	100,200,201	100,200	—
Linguistics	100	100	200	200	100	300	300	100,200	—
Mathematics	200,300,301	200	100,201	100,200,300	300	100,300	100,200,201	100,200	—
Music	300,301	300	100,300	100	100	—	200,201	200	—
Near Eastern Languages	100	—	—	100,200	—	—	300	—	—
Philosophy	102	102,203	102,202 302	202,203	202	—	302,303	302	—
Philosophy (St. Michael's)	306,308	208,306	—	108	108	—	206	206,208	—
Philosophy (Ethics)	100	—	100	200	—	—	300	—	—
Physics	—	—	—	100	—	—	—	—	—
Political Science	100,200,201,301	100,200,201	100	200,300,301,302	200,201	300	100,200,201,302	300,301	100
Psychology	100,200,201,304	100,200,304	100,200	100,200,201,304†	100,200,304	—	100,200,304†	100,200,304	100
Religious Studies	305	201†	304	—	—	—	—	—	—
Slavic Studies	100	—	—	100,200	—	—	100,300	—	—
Sociology	100,200,300,301	100,200,300	100,200,300	100,200	100,200	—	100,300	100,300	—
Sociology	100,300,301	200,300,301	100,200	100,200,201	100	100,300	100,300,301	200	100,200
Spanish	100,200,201,300	100,200,201	201,300	100,200,300,301	100,200,300	100,200	100,200,300	100,200,201	100,200
Statistics	301	300	100,200	100,200,300,301	100,200,300	201	301	—	300
Zoology	201	—	—	—	—	—	—	—	—
Zoology	101	101	—	—	—	—	—	—	—

†A second year concentration course will be offered.

‡A third year concentration course will be offered.

subject	Winter Session 1971-72	Summer Session Day	Winter Session 1972-73	Summer Session Day	Winter Session 1973-74	Summer Session Day	Winter Session 1973-74	Summer Session Day	Winter Session 1974-75
Actuarial Science	100,200†	100,200	100,200	100,200,300‡	100†	100	100,200†	100	100,300
Anthropology	101	—	—	—	—	—	101	—	—
Astronomy	—	—	—	—	—	—	—	—	—
Botany	—	—	—	101	101	—	—	—	—
Chemistry	100	100	—	—	—	—	100	100	—
Classics in Translation	100	100	200	200	200	—	300	200	100
East Asian Studies	106,204	104	206	206	—	—	306	106	206
Economics	100,300,301	100,300	—	100,200,201	100,200	—	100,200,300,301	100,201	100,200
English	100,200,300	100,200,300,301	100,200	100,200,201,300	100,200,300,301	100,300	100,200,300,301	100,200,300	300
Fine Art	100,300	200	—	100,200	300	100	100,300	100,200	100
French	100,300	100,300,301	100	100,200,201	100	100	100,200,300,301	100,200,201	100,201
Geography	100,200,300,301	100,200	—	100,201,300	100,300	—	100,200,300,301	100,201,300	—
Geology	—	—	—	—	—	—	101	—	—
German	100,300,301	100,300	—	100,200	—	—	100,201,300	100,300,301	100,200
Greek and Roman History	—	—	—	—	—	—	100	200	200
History	100,200,300†	100,200	100,300	100,200,300‡	100,300	100	100,200†	100,200,300	100,300
Italian	100,200,300,301	100,200,300	100,200	100,200,201,300	100,200,300,301	100,200	100,200,300,301	100,200,300	100,200
Latin	100,300,301	100,300	—	100,200	100,300	—	100,201,300	100,200,301	100
Linguistics	100,200	100	—	100,300	100	—	—	100	—
Mathematics	100,300,301	200	100	100,200,201	300	—	100,300,301	100,200	100,200
Music	300,301	300	—	100	100	—	200,201	200	300
Near Eastern Languages	100	—	100	100	—	—	200	—	—
Philosophy	102	102	—	—	—	—	202,203,302	102	102
Philosophy (St. Michael's)	306	306,308	—	108	108	—	206,208	306	308
Philosophy (Ethics)	100	—	—	100	—	—	100,200	300	100
Physics	100	—	—	—	—	—	100	—	—
Political Science	100,300,301	100	200	100,201,302	100,200	—	100,200,300,301	100,201	100,200
Psychology	100,200,201,304‡	100,200,304	—	100,200,304‡	100,200,201,304	—	100,200,201,304	100,200,304‡	100,200†
Religious Studies	100,200	—	—	100,300	304	—	100,200	—	—
Slavic Studies	100,200	100,200	—	100,300	100,300	—	200	100,300	—
Sociology	100,200,201	100	100	100,300	300,301	100	100,200,301	100,201	200,300
Spanish	100,200,201,300	100,200,300,301	100,200	100,300,301	100,200,300	100,200	100,200,201,300	100,200,300	100,200
Statistics	—	—	—	—	—	—	—	—	—
Zoology	101	101	—	—	—	—	101	101	—

†A second year concentration course will be offered.

‡A third year concentration course will be offered.

General Arts Course — Scarborough Campus / SIX YEAR PROGRAMME

Subject	Winter Session 1968-69	Summer Evening 1969	Winter Session 1969-70	Summer Evening 1970	Winter Session 1970-71	Summer Evening 1971	Winter Session 1971-72	Summer Evening 1972	Winter Session 1972-73	Summer Evening 1973	Winter Session 1973-74	Summer Evening 1974
Anthropology	100,200	100	100,300	100,200	100,300	100,300	100,200	100,300	100,200	100,200	100,300	100,300
Botany	—	—	101	—	—	—	101	—	—	—	101	—
Economics	100,200	—	100	—	100,300	—	100,200	—	100,300	—	100,200	—
English	100,200,201	—	100,200,300	—	100,200	—	100,200,300	—	100,200,201	—	100,200,300	—
French	100	—	100	—	300,301	—	—	—	300	—	301	—
Fine Art	100	—	—	—	100	—	—	—	100	—	100	—
Geography	100,300	100	100,200,201	100	100,300,301	100	100,200	100	100,300	100	100,200	100
Geology	—	—	—	—	101	—	—	—	101	—	—	—
History	100,202,300,301	100,300	100,200,201	100	100,200,300	100	100,300,301	100,300	100,200	100	100,300	100,200
Italian	100	—	—	—	100	—	—	—	100	—	—	—
Mathematics	—	—	100	—	—	—	100	—	—	—	100	—
Philosophy	102	—	102,302	—	102	—	102	—	102,202	—	102	—
Political Science	100,300	—	100,200	—	100,300	—	100,200	—	100,300	—	100,200	—
Psychology	100,201,204,300	100	100,204,300	100	100,204,300	100	100,204,300	100	100,201,204,300	100	100,204,300,100	100
Sociology	100,204	100	100,300	100	100,204	100	100,300	100	100,204	100	100,300	100
Spanish	100,200	—	100	—	100	—	100	—	100	—	100	—
Zoology	—	—	101	—	—	—	101	—	—	—	101	—

General Arts Course — Erindale Campus / THREE YEAR PROGRAMME

Subject	Winter Session 1968-69	Winter Session 1968-70	Winter Session 1970-71
Anthropology	100,200	100,300	100,200
Astronomy	—	101	—
Chemistry	—	100	—
Classics in Trans.	100	—	—
Economics	100,200	100	100,200
English	100,300	100,200	100,300
French	100	100	100
Geography	100,200	100,300	100,200
History	100,300	100,200	100,300
Italian	100	100	100
Mathematics	—	200	100
Philosophy	102,306	102	102
Political Science	—	100	100,200
Psychology	100,304	100,200	100,304
Sociology	100,200,300	100,200	100,200,300
Spanish	100,200	100	—
Zoology	101	—	—

General Science Course — St. George Campus / SIX YEAR PROGRAMME

Winter Session 1968-69	Summer Evening 1969	Winter Session 1969-70	Summer Evening 1970	Winter Session 1970-71	Summer Evening 1971
Botany 110,211 Chemistry 110,211 English 110 Literature 310 Mathematics 110,210 Philosophy 210 Physics 210	English 110 Gr. & Rom. Hist. 310 History 310 Mathematics 110 Philosophy 210	Astronomy 210 Botany 210 Chemistry 110,211 English 110 Mathematics 110,210,211 Physics 110 Psychology 210 Zoology 110	English 110 Mathematics 110 Mathematics 210	Botany 110 Chemistry 211 English 110 History 310 Literature 310 Mathematics 110,210 Philosophy 210 Physics 110,210 Zoology 110,210	English 110 Mathematics 110 Philosophy 210

Winter Session 1971-72	Summer Evening 1972	Winter Session 1972-73	Summer Evening 1973	Winter Session 1973-74	Summer Evening 1974
Astronomy 210 Botany 210 Chemistry 110,214 English 110 Mathematics 110,210,211 Physics 110 Psychology 210 Zoology 110	English 110 History 310 Mathematics 110 Mathematics 210	Botany 110,211 Chemistry 110,211 English 110 Mathematics 110,210 Philosophy 210 Physics 210	English 110 Gr. & Rom. Hist. 310 History 310 Mathematics 110 Philosophy 210	Astronomy 210 Botany 210 Chemistry 110,211 English 110 Mathematics 110,210,211 Physics 110 Psychology 210 Zoology 110	English 110 Mathematics 110 Mathematics 210

Degree Course for Graduate Nurses — St. George Campus / SIX YEAR PROGRAMME

Winter Session 1968-69	Summer Evening 1969	Winter Session 1969-70	Summer Evening 1970	Winter Session 1970-71	Summer Evening 1971
English 110 Nursing 110 Philosophy 210 Preventive Med. 300 Psychology 100,304 Sociology 100 Zoology 141	English 110 Nursing 110 Philosophy 210 Psychology 100 Sociology 100	Bio. Chemistry 103 English 110 Psychology 100,304 Sociology 100	English 110 Nursing 110 Psychology 100 Sociology 100	English 110 Nursing 110 Philosophy 210 Preventive Med. 300 Psychology 100,304 Sociology 100 Zoology 141	English 110 Philosophy 210 Psychology 100 Sociology 100

Winter Session 1971-72	Summer Evening 1972	Winter Session 1972-73	Summer Evening 1973	Winter Session 1973-74	Summer Evening 1974
Bio. Chemistry 103 English 110 Nursing 110 Psychology 100,304 Sociology 100	English 110 Nursing 110 Psychology 100 Sociology 100	English 110 Philosophy 210 Preventive Med. 300 Psychology 100,304 Sociology 100 Zoology 141	English 110 Nursing 110 Psychology 100 Sociology 100	Bio. Chemistry 103 English 110 Nursing 110 Philosophy 210 Psychology 100,304 Sociology 100	English 110 Psychology 100 Sociology 100

Degree Courses — Timetable / WINTER SESSION 1968-69

St. George — Scarborough — Erindale

CLASSES BEGIN SEPTEMBER 16

Course	Campus	Evening	Time	Lecturers	Building	Room
Actuarial Science	100 St. George	Tues	7.30-9.30	R. S. Davies	S. S. H	1072
Anthropology	100 St. George	Wed.	7.30-9.30	P. Ramsden	S. S. H	2102
	100 Scarborough	Thurs.	7.30-9.30	C. E. Hopen	Scar. Coll.	
	100 Erindale	Mon.	7.30-9.30	To be announced	Erin. Coll.	
	200 St. George	Wed.	7.30-9.30	J. De. Lint	S. S. H.	1085
	200 Scarborough	Thurs.	7.30-9.30	To be announced	Scar. Coll.	
Astronomy	200 Erindale	Tues.	7.30-9.30	R. Vanderburgh	Erin. Coll.	
	221 St. George	Tues.	7.30-9.30	M. Dumbuya, J. Troper	Ramsey Wright Bldg.	142
	300 St. George	Wed.	7.30-9.30	A. Mohr	S. S. H.	1083
	321 St. George	Tues.	7.30-9.30	M. Latta	Ramsey Wright Bldg.	229
	101 St. George	Thurs.	6.30-10.00	R. J. Northcott	New Physics Bldg.	137
Botany	110 St. George	Tues.	6.30-10.00	N. G. Dengler	Botany Bldg.	7
	211 St. George	Tu. & Th.	7.00-10.00	T. Sawa	Mining Bldg.	75
Chemistry	100 St. George	Thurs.	7.00-9.30	H. Taylor	Lash Miller Bldg.	158
	110 St. George	Mon.	6.30-10.00	J. T. Szymanski	Lash Miller Bldg.	155
	211 St. George	W. & Th.	6.30-10.00	O. Meresz	Lash Miller Bldg.	157
Classics In Trans.	100 St. George	Tues.	7.30-9.30	J. R. Warden	S. S. H.	1022
	100 Erindale	Mon.	7.30-9.30	T. G. Elliot	Erin. Coll.	
East Asian Studies	100 St. George	Tu. & Th.	7.30-9.30	R. Chu, A. H. C. Ward	S. S. H.	1070
	104 St. George	Tu. & Th.	7.30-9.30	K. Tsuruta, Tokaichi	New Physics Bldg	373
	206 St. George	Wed.	7.30-9.30	C. D. C. Priestley, I. J. McMullen	S. S. H.	1022
	210 St. George	Mon.	7.30-9.30	A. K. Warden, B. K. Matlal, D. Malvania	S. S. H.	1073
	100 St. George	Thurs.	7.30-9.30	G. Slasor, R. McCulloch	S. S. H.	1084, 1085
Economics	100 Scarborough	Mon.	7.30-9.30	E. Doak	Scar. Coll.	
	100 Erindale	Mon.	7.30-9.30	M. Hare	Erin. Coll.	
	200 St. George	Tues.	7.30-9.30	A. Watson	S. S. H.	1083
	200 Scarborough	Mon.	7.30-9.30	H. Pope	Scar. Coll.	

Note: S. S. H. indicates Sidney Smith Hall.

Degree Courses — Timetable / WINTER SESSION 1968-69 Cont'd

Course	Campus	Evening	Time	Lecturers	Building	Room
English	200	Erindale	Wed.	7:30-9:30	P. Honey	Erin. Coll.
	201	St. George	Thurs.	7:30-9:30	J. I. McDonald	S. S. H.
	100	St. George	Thurs.	7:30-9:30	P. L. Hayworth, A. Hodge, W. M. Lebanks, A. M. Leggatt, E. P. Vicari	2106, 2108, 2110, 2125, 2127
	100	Scarborough	Mon.	7:30 9:30	A. Patenall	Scar. Coll.
	100	Erindale	Mon.	7:30-9:30	L. W. Patterson	Erin. Coll.
	110	St. George	Thurs.	7:30-9:30	P. D. Seary	S. S. H.
	200	St. George	Thurs.	7:30-9:30	E. L. Costigan, P. F. Morgan, J. F. Woodruff	1085, 1086, 1087
	200	Scarborough	Mon.	7:30-9:30	A. C. Thomas	Scar. Coll.
	201	St. George	Mon.	7:30-9:30	E. W. Donville	S. S. H.
	201	Scarborough	Tues.	7:30-9:30	To be announced	Scar. Coll.
Fine Art	300	St. George	Thurs.	7:30-9:30	P. R. Allen, B. S. Hayne	S. S. H.
	300	Scarborough	Mon.	7:30-9:30	To be announced	Scar. Coll.
	300	Erindale	Mon.	7:30-9:30	P. M. Hughes	Erin. Coll.
	301	St. George	Mon.	7:30-9:30	M. Mueller	S. S. H.
	100	St. George	Tues.	7:30-9:30	F. E. Winter	S. S. H.
	100	Scarborough	Thurs.	7:30-9:30	To be announced	Scar. Coll.
	200	St. George	Tues.	7:30-9:30	L. Johnson	S. S. H.
French	201	St. George	M. & W.	7:00-9:30	C. T. Morey	1069 6027
	100	St. George	Thurs.	7:00-9:30	A. G. Falconer, W. A. Oliver E. W. D. Laryea, O. J. Miller	1021, 1022, 1069
	100	Scarborough	Wed.	7:00-9:30	P. C. Moes	Scar. Coll.
	100	Erindale	Tues.	7:00-9:30	P. R. Findlay	Erin. Coll.
	200	St. George	Thurs.	7:30-9:30	J. R. Brazeau	612
	201	St. George	Tues.	7:30-9:30	R. A. Taylor	1074
	100	St. George	Tues.	6:30-10:00	J. May	2117
Geography	100	Scarborough	Wed.	6:30-10:00	R. P. Baine	Scar. Coll.
	100	Erindale	Mon.	6:30-10:00	R. Putnam	Erin. Coll.
	200	St. George	Mon.	6:30-10:00	E. B. MacDougall	S. S. H.
	200	Erindale	Wed.	6:30-10:00	D. F. Putnam	Erin. Coll.
	201	St. George	Wed.	6:30-10:00	L. C. Nkemdirim, W. G. Dean	623
	300	St. George	Thurs.	7:00-9:30	J. Lemon	2102

Note: S. S. H. indicates Sidney Smith Hall.

Degree Courses — Timetable / WINTER SESSION 1968-69 Cont'd

Course	Campus	Evening	Time	Lecturers	Building	Room
German	300	Scarborough	Wed.	H. Swain	Scar. Coll.	
	100	St. George	7:00-9:30			
	200	St. George	Mon.	H. Boeschenstein	S. S. H.	1069
	201	St. George	Mon.	D. Myers	S. S. H.	1070
Greek & Roman History	100	St. George	Wed.	To be announced	S. S. H.	1070
	100	St. George	Mon.	J. W. Cole	S. S. H.	1072
History	100	St. George	7:30-9:30	J. Dent	S. S. H.	2117
	100	Scarborough	Wed.	To be announced	Scar. Coll.	
	100	Erindale	Thurs.	M. Dafoe, R. Mcneal	Erin. Coll.	
	200	St. George	Tues.	M. Finlayson	S. S. H.	1087
	202	St. George	Wed.	W. Dick	Scar. Coll.	
	300	Scarborough	Thurs.	J. Blyth	S. S. H.	1069
	300	Scarborough	Wed.	J. Moir	Scar. Coll.	
	300	Erindale	Tues.	J. Blyth	Erin. Coll.	
	301	Scarborough	Tues.	J. Kenyon	Scar. Coll.	
	341	St. George	Thurs.	R. F. Harvey	Ramsey Wright Bldg.	142
Italian	342	St. George	Mon.	J. Kornberg	Ramsey Wright Bldg.	229
	100	St. George	7:00-9:30	J. A. Molinaro, A. Vicari, M. Kuitunen	Lash Miller Bldg.	123, 155, 157
	100	Scarborough	Thurs.	E. Costa	Scar. Coll.	
	100	Erindale	Mon.	L. McCormick	Erin. Coll.	
	200	St. George	Wed.	M. W. Ukas	New Physics Bldg.	118, 257
	201	St. George	Thurs.	M. Acacia	New Physics Bldg.	118
Latin	300	St. George	Tues.	S. Peters	S. S. H.	1074
	100	St. George	Thurs.	K. R. Thompson	New Physics Bldg.	257
	200	St. George	Tues.	A. M. Dabrowski	New Physics Bldg.	713
	201	St. George	Wed.	C. W. McDonough	New Physics Bldg.	713
Literature	310	St. George	7:30-9:30	To be announced	S. S. H.	2127
	100	St. George	Tues.	To be announced	New Physics Bldg.	134
Mathematics	110	St. George	7:00-10:00	S. H. Smith	Ramsey Wright Bldg.	142
	200	St. George	Thurs.	J. G. Spiro	Ramsey Wright Bldg.	229
	210	St. George	Mon.	H. Dachslager	Ramsey Wright Bldg.	117

Note: S, S, H. indicates Sidnev Smith Hall

Course	Campus	Evening	Time	Lecturers	Building	Room
Music	300 St. George	Thurs.	7.30-9.30	R. A. Smith	Ramsey Wright Bldg.	143
	301 St. George	Mon.	7.30-9.30	J. E. LeBel	Ramsey Wright Bldg.	143
	300 St. George	Wed.	7.30-9.30	To be announced	Edward Johnson Bldg.	116
	301 St. George	Tues.	7.30-9.30	T. Kennis	Edward Johnson Bldg.	109
Near Eastern Lang.	100 St. George	M. & W.	7.30-9.30	R. F. G. Sweed	S. S. H.	2116
Nursing	110 St. George	Tues.	7.30-9.30	J. Dalziel	School of Nursing	104
Philosophy	102 St. George	Mon.	7.30-9.30	F. Cunningham	S. S. H.	2102
	102 Scarborough	Tues.	7.30-9.30	W. C. Graham	Scar. Coll.	
	102 Erindale	Tues.	7.30-9.30	W. J. Huggett	Erin. Coll.	
	210 St. George	Wed.	7.30-9.30	To be announced	S. S. H.	1086
	100 St. George	Mon.	7.30-9.30	L. M. G. Smith	S. S. H.	1071
Philosophy (St. Michael's)	306 St. George	Mon.	7.30-9.30	To be announced	Teefy Hall	
	306 Erindale	Tues.	7.30-9.30	To be announced	Erin. Coll.	
	308 St. George	Thurs.	7.30-9.30	To be announced	Teefy Hall	
	210 St. George	Tue.&Thur.	6.30-10.00		New Physics Bldg.	137
Physics	100 St. George	Thurs.	7.30-9.30	D. Gardner	S. S. H.	2117
Political Science	100 Scarborough	Mon.	7.30-9.30	R. Gool	Scar. Coll.	
	200 St. George	Thurs.	7.30-9.30	W. G. Charlton	New Physics Bldg.	134
	201 St. George	Wed.	7.30-9.30	G. Heiman R. A. Fenn	New Physics Bldg.	134
	300 Scarborough	Mon.	7.30-9.30	T. Heinrichs	Scar. Coll.	
	302 St. George	Thurs.	7.30-9.30	R. Gregor	New Physics Bldg.	202
	301 St. George	Wed.	7.30-9.30	P. Bishop	S. S. H.	2108
Preventive Medicine	300 St. George	Tues.	7.00-10.00	To be announced	School of Hygiene	
Psychology	100 St. George	Mon.	7.30-9.30	A. M. Wall, A. N. Doob, C. D. Webster	New Physics Bldg.	102, 103, 202, 203
	100 Scarborough	Tues.	7.30-9.30	C. T. Surridge	Scar. Coll.	
	100 Erindale	Tues.	7.30-9.30	I. M. Spiegel	Erin. Coll.	
	200 St. George	Mon.	7.30-9.30	M. Lawrence, J. Grusec	S. S. H.	1083, 1085
	201 St. George	Wed.	7.30-9.30	G. B. Thornton	S. S. H.	1074
	201 Scarborough	Wed.	7.30-9.30	G. B. Biederman	Scar. Coll.	
	204 Scarborough	Tues.	7.30-9.30	A. Ross	Scar. Coll.	

Note: S. S. H. indicates Sidney Smith Hall.

Degree Courses — Timetable / WINTER SESSION 1968-69 Cont'd

Course	Campus	Evening	Time	Lecturers	Building	Room
	300	Scarborough	Tues.	7:30-9:30	J. Preston	Scar. Coll.
	304	St. George	Mon.	7:30-9:30	A. J. Arrowood	S. S. H. 2127
	304	Erindale	Wed.	7:30-9:30	To be announced	Erin. Coll.
	305	St. George	Wed.	7:30-9:30	B. B. Schiff	S. S. H. 2129
Religious Studies	100	St. George	Mon.	7:30-9:30	To be announced	S. S. H. 2106
Slavic Studies	100	St. George	M. & W.	7:00-9:30	D. Struk	S. S. H. 1021
	200	St. George	M. & W.	7:00-9:30	T. Aman	Lash Miller Bldg. 123
	300	St. George	Tues.	7:30-9:30	B. Medwidsky	S. S. H. 1021
	301	St. George	Mon.	7:30-9:30	C. H. Bedford	S. S. H. 1022
Sociology	100	St. George	Wed.	7:30-9:30	M. Cooper	New Physics Bldg. 103
	100	Scarborough	Tues.	7:30-9:30	P. Weeks	Scar. Coll.
	100	Erindale	Tues.	7:30-9:30	J. Joyner	Erin. Coll.
	200	Erindale	Wed.	7:30-9:30	A. Bennett	Erin. Coll.
	204	Scarborough	Tues.	7:30-9:30	R. L. James	Scar. Coll.
	300	St. George	Wed.	7:30-9:30	J. L. Lennards	S. S. H. 2135
	300	Erindale	Wed.	7:30-9:30	H. Cooperstock	Erin. Coll.
	301	St. George	Thurs.	7:30-9:30	P. L. Griffen	New Physics Bldg. 137
Spanish	100	St. George	Tues.	7:00-9:30	K. L. Levy, J. Gulsoy, K. A. Ellis, J. B. Davies, B. Segall	S. S. H. 2106, 2108, 2110, 2125
	100	Scarborough	Wed.	7:00-9:30	P. Leon, R. Skyrme	Scar. Coll.
	100	Erindale	Mon.	7:00-9:30	J. F. Burke, O. Hegyi	Erin. Coll.
	200	St. George	Tues.	7:30-9:30	T. B. Barclay, J. G. Hughes	S. S. H. 1088, 1073
	200	Scarborough	Wed.	7:30-9:30	R. J. Barta	Scar. Coll.
	200	Erindale	Wed.	7:30-9:30	M. Scarth	Erin. Coll.
	201	St. George	Mon.	7:30-9:30	M. Valdes	S. S. H. 2120
	300	St. George	Tues.	7:30-9:30	J. H. Parker	S. S. H. 1086
	301	St. George	Mon.	7:30-9:30	G. L. Stagg	S. S. H. 2119
Statistics	201	St. George	Mon.	7:30-9:30	I. B. MacNeill	Ramsey Wright Bldg. 229
Zoology	101	St. George	Wed.	6:30-10:00	J. J. B. Smith	Ramsey Wright Bldg. 143
	141	St. George	M. & W.	7:00-9:30	Dr. M. E. Hatton	Ramsey Wright Bldg. 110
	101	Erindale	Wed.	6:30-9:30	To be announced	Erin. Coll.

Note: S. S. H. indicates Sidney Smith Hall.

SUMMER EVENING SESSION 1969 — Tuesday, May 20/Thursday, August 14
ALL CLASSES ARE HELD TWO EVENINGS EACH WEEK

Subject	Campus	Time	Evening	Building	Room
Anthropology	100 St. George	7.00-9.30	Mon.&Wed.	S. S. H.	2135
	100 Scarborough	7.00-9.30	Mon.&Wed.	Scarborough Coll.	
	200 St. George	7.00-9.30	Tue.&Thur.	S. S. H.	2129
	300 St. George	7.00-9.30	Mon.&Wed.	S. S. H.	1074
East Asian Studies	106 St. George	7.00-9.30	Mon.&Wed.	S. S. H.	2116
Economics	100 St. George	7.00-9.30	Tue.&Thur.	S. S. H.	2135
	200 St. George	7.00-9.30	Mon.&Wed.	S. S. H.	1087
	201 St. George	7.00-9.30	Tue.&Thur.	S. S. H.	1087
	300 St. George	7.00-9.30	Mon.&Wed.	S. S. H.	1070
English	100 St. George	7.00-9.30	Mon.&Wed.	S. S. H.	2106, 2108, 2110
	110 St. George	7.00-9.30	Tues.&Thur.	S. S. H.	2108
	200 St. George	7.00-9.30	Mon.&Wed.	S. S. H.	2125
	201 St. George	7.00-9.30	Tue.&Thur.	S. S. H.	2125
	300 St. George	7.00-9.30	Mon.&Wed.	S. S. H.	2127
	301 St. George	7.00-9.30	Tue.&Thur.	S. S. H.	2127
Fine Art	100 St. George	7.00-9.30	Mon.&Wed.	S. S. H.	2117
	200 St. George	7.00-9.30	Tue.&Thur.	S. S. H.	2117
French	100 St. George	7.00-9.30	Tue.&Thur.	S. S. H.	1021, 1022
	200 St. George	7.00-9.30	Mon.&Wed.	Lash Miller Bldg.	157
	300 St. George	7.00-9.30	Mon.&Wed.	S. S. H.	2121
	301 St. George	7.00-9.30	Tue.&Thur.	S. S. H.	2121
Geography	100 Scarborough	6.30-10.00	Mon.&Wed.	Scarborough Coll.	
Greek & Roman History	310 St. George	7.00-9.30	Mon.&Wed.	S. S. H.	1083
History	100 St. George	7.00-9.30	Mon.&Wed.	S. S. H.	2118
	100 Scarborough	7.00-9.30	Mon.&Wed.	Scarborough Coll.	
	200 St. George	7.00-9.30	Tue.&Thur.	S. S. H.	2110
	300 St. George	7.00-9.30	Tue.&Thur.	S. S. H.	2118
	300 Scarborough	7.00-9.30	Mon.&Wed.	Scarborough Coll.	

Summer Evening Session 1969 Cont'd

Subject	Campus	Time	Evening	Building	Room
Italian	310 St. George	7:00-9:30	Tues.&Thur.	S. S. H.	2106
	100 St. George	7:00-9:30	Mon.&Wed.	Lash Miller Bldg.	123, 155
	200 St. George	7:00-9:30	Mon.&Wed.	S. S. H.	1088
Linguistics	200 St. George	7:00-9:30	Mon.&Wed.	S. S. H.	1071
Mathematics	100 St. George	7:00-9:30	Tue.&Thur.	S. S. H.	1084
	110 St. George	7:00-9:30	Tues.&Thur.	S. S. H.	1088
	201 St. George	7:00-9:30	Mon.&Wed.	S. S. H.	1086
Music	100 St. George	7:00-9:30	Tue.&Thur.	Edward Johnson Bldg.	116
	300 St. George	7:00-9:30	Mon.&Wed.	Edward Johnson Bldg.	116
Nursing	110 St. George	7:00-9:30	Mon.&Wed.	Sch. of Nursing	104
Philosophy	100 St. George	7:00-9:30	Tue.&Thur.	S. S. H.	1074
	102 St. George	7:00-9:30	Tue.&Thur.	S. S. H.	1085
	202 St. George	7:00-9:30	Tue.&Thur.	S. S. H.	1070
	210 St. George	7:00-9:30	Tue.&Thur.	S. S. H.	1071
	302 St. George	7:00-9:30	Tue.&Thur.	S. S. H.	1069
Political Science	100 St. George	7:00-9:30	Mon.&Wed.	S. S. H.	1069
Psychology	100 St. George	7:00-9:30	Tue.&Thur.	S. S. H.	1073, 1083
	100 Scarborough	7:00-9:30	Mon.&Wed.	Scarborough Coll.	
	200 St. George	7:00-9:30	Tue.&Thur.	S. S. H.	1072
	304 St. George	7:00-9:30	Mon.&Wed.	S. S. H.	1072
Sociology	100 St. George	7:00-9:30	Mon.&Wed.	S. S. H.	2102
	100 Scarborough	7:00-9:30	Mon.&Wed.	Scarborough Coll.	
	200 St. George	7:00-9:30	Tue.&Thur.	S. S. H.	2102
	201 St. George	7:00-9:30	Mon.&Wed.	S. S. H.	1021
Spanish	300 St. George	7:00-9:30	Mon.&Wed.	S. S. H.	1022
	100 St. George	7:00-9:30	Tue.&Thur.	Lash Miller Bldg.	123, 155, 157
	200 St. George	7:00-9:30	Mon.&Wed.	S. S. H.	1022
	201 St. George	7:00-9:30	Tue.&Thur.	S. S. H.	2120

Degree Courses — St. George Campus / SUMMER DAY SESSION 1969

ALL CLASSES ARE HELD MONDAY THROUGH FRIDAY—MONDAY, JULY 7 / FRIDAY, AUGUST 15

Subject	Time	Building	Room
Anthropology	100	S. S. H.	2102
	200	S. S. H.	2110
	300	S. S. H.	1085
Chemistry	100	S. S. H.	1071
Classics in Translation	100	University Coll.	129
	200	University Coll.	314
Economics	100	S. S. H.	2102
	200	S. S. H.	2106
East Asian Studies	106	S. S. H.	2116
English	100	University Coll.	108, 129, 135
	200	University Coll.	103, 220
	201	University Coll.	214
	300	University Coll.	118
	301	University Coll.	224
Fine Art	200	S. S. H.	1071
French	100	University Coll.	313, 314, 315
	200	University Coll.	206
	201	University Coll.	206
	300	University Coll.	133
	301	University Coll.	133
Geography	100	S. S. H.	2118
	201	S. S. H.	612
	300	S. S. H.	2118
Geology	101	Mining Bldg.	101
German	100	University Coll.	228
	200	University Coll.	219
	201	University Coll.	219
Greek & Roman History	100	University Coll.	A101
	200	University Coll.	224
History	100	S. S. H.	2135
	300	S. S. H.	2117

Degree Courses — St. George Campus / SUMMER DAY SESSION 1969 Cont'd.

Subject	Time	Building	Room
Italian	100	S. S. H.	2127, 2129
	200	S. S. H.	1070
	300	S. S. H.	1072
Latin	100	University Coll. University Coll.	206 209
	200		
Linguistics	100	Teefy Hall	B
Mathematics	200	12.30- 2.30	1083
Music	300	10.30-12.30	116
Philosophy	102	8.15-10.15	104
	203	8.15-10.15	122
Philosophy (St. Michael's)	208	8.15-10.15	C 118
Philosophy (St. Michael's)	306	8.15-10.15	
Political Science	100	12.30- 2.30	1087
	200	10.30-12.30	1088
	201	2.30- 4.30	1088
Psychology	100	8.15-10.15	1083, 1085, 1087 2117 2127 2135
	200	8.15-10.15	
	201	2.30- 4.30	
	304	8.15-10.15	
Slavic Studies	100†	10.00- 3.00	1021
	200†	10.00- 3.00	1022
	300	8.15-10.15	1072
Sociology	200	10.30-12.30	1069
	300	10.30-12.30	1073
	301	2.30- 4.30	1073
Spanish	100	10.30-12.30	1074, 1084, 1086 2108 2116
	200	10.30-12.30	
	201	2.30- 4.30	
	300	2.30- 4.30	
Zoology	101	2.00- 5.00	110

Ramsey Wright Bldg.

†Students enrolled in slavic 100 or 200 may not enrol in any other course.

Course Descriptions

Actuarial Science 100. MATHEMATICS OF INVESTMENT AND CREDIT. Binomial theorem; interest and discount, present values, annuities certain, consumer finance, determining prices and values of mortgages, bonds and stocks; determining yield rates on such investments given the cost of the investment and the cash returns. Prerequisite: Mathematics A and Math 100.

200. THE THEORY OF LIFE ANNUITIES AND LIFE ASSURANCES. An elementary course. Prerequisites: Actuarial Science 100, Mathematics 100 and 200.

300. ADVANCED THEORY OF LIFE ANNUITIES AND LIFE ASSURANCES. Prerequisites: Actuarial Science 200, Mathematics 200.

Anthropology 100. INTRODUCTION TO ANTHROPOLOGY. Man's place in nature; biological and cultural evolution and the present distribution of cultures; speech, technology, kinship and community; personality and expressive systems; culture contact.

200. APPROACHES TO SOCIETY. Introduction to the study of language, culture, social organization and structure.

221. THE NORTH AMERICAN INDIAN. Concentration course. Prerequisite: Anthropology 100 and 200.

300. MAN THROUGH TIME. Physical anthropology, archaeology and culture history. Prerequisite: Anthropology 200.

321. PALAEOLITHIC AND NEOLITHIC ARCHAEOLOGY. Concentration course. Prerequisite: An Anthropology concentration course at the second year level and Anthropology 300.

Applied Mathematics 310. DIFFERENTIAL EQUATIONS. A study of ordinary and partial differential equations with applications to problems in physics. Prerequisite: Mathematics 210.

Astronomy 101. INTRODUCTION TO ASTRONOMY. An elementary course in which the various astronomical phenomena are discussed, including systems of co-ordinates, the constellations, the solar system, the stars and nebulae. Text-book: Baker, *Astronomy* or Wyatt, *Principles of Astronomy*. Lectures and laboratory work.

210. GENERAL ASTRONOMY AND ASTROPHYSICS. A survey of modern astronomy with emphasis on current developments. Prerequisite: Physics 110 and Mathematics 110 or equivalents.

Course Descriptions

310. ASTRONOMY AND ASTROPHYSICS. A course which is basically astrophysical in its approach. A variety of fields of current astronomical interest are discussed. Topics include the solar system, the Galaxy, and extra-galactic systems. Prerequisite: Astronomy 210 and Physics 210 and Mathematics 210.

Biology **310. CYTOLOGY, GENETICS AND EVOLUTION.** The evolutionary effects of mutation and selection on the mechanisms of heredity. Prerequisite: First Year Botany or Zoology or Biology. (Two evenings each week.)

Biological Chemistry **103. BIOLOGICAL CHEMISTRY AND HUMAN NUTRITION.** Lectures and tutorials dealing with inorganic, organic and biochemistry and their application to the basic principles of human nutrition.

Botany **101. ELEMENTARY BOTANY.** An introductory lecture and laboratory course on the biology of plants and the importance of plants to man. In practical classes living material will be studied wherever possible.

110. ELEMENTARY BOTANY. An introductory lecture and laboratory course on the biology of plants, with emphasis on current development in research. In practical classes experimentation with living material will be introduced wherever possible.

210. THE PLANT KINGDOM. A lecture and laboratory course dealing with evolutionary aspects of plants in relation to the principles and practice of their classification. Prerequisite: one First-Year course in Botany or Zoology or Biology. (Two evenings each week.)

211. BIOLOGY OF LOWER PLANTS. A lecture and laboratory course dealing mainly with the algae and fungi, their biology and importance to man. Laboratory work is largely experimental, and includes the isolation of pure cultures, studies of growth and nutrition and the production of antibiotics and enzymes. Prerequisite: one First-Year course in Botany or Zoology or Biology. (Two evenings each week.)

310. PLANT ECOLOGY. A lecture and laboratory course dealing with the interrelations of plants with the environment. Both terrestrial and aquatic habitats will be considered. Prerequisite: Botany 210 or 211. (Two evenings each week.)

311. PLANT PHYSIOLOGY AND BIOCHEMISTRY. A lecture and laboratory course covering the metabolism, growth, mineral nutrition and general physiology of plants. Prerequisite: Chemistry 211 and First-Year Botany or Zoology or Biology. (Two evenings each week.)

Course Descriptions

Chemistry 100. GENERAL CHEMISTRY. A course on the fundamentals of Physical, Organic, and Inorganic Chemistry, with demonstrations.

110. GENERAL CHEMISTRY FOR STUDENTS IN THE GENERAL COURSE IN SCIENCE. Introduction to inorganic and physical chemistry. Prerequisite: Mathematics 110 or may be taken concurrently with Mathematics 110. Lectures and laboratory work.

211. ORGANIC CHEMISTRY. A treatment of the main classes of organic compounds and the relation of their structure to physical, chemical and, in certain instances, physiological properties. Prerequisite: Chemistry 110. (Two evenings each week.)

214. ANALYTICAL CHEMISTRY. Qualitative and quantitative analysis of inorganic substances. Prerequisite: Chemistry 110 (Two evenings each week.)

314. INORGANIC CHEMISTRY. Atomic structure and its relation to chemical properties of the elements, valence theory, stereochemistry of inorganic compounds, co-ordination compounds, redox potentials. Prerequisite: Chemistry 214. (Two evenings each week.)

317. PHYSICAL CHEMISTRY. Properties of matter as related to chemical processes, the laws of thermodynamics and their application to homogeneous and heterogeneous equilibrium, and introduction to chemical kinetics. Prerequisite: Mathematics 210 or Physics 210. (Two evenings each week.)

Classics in Translation 100. (i) GREEK EPIC POETRY AND HISTORIANS. Homer, Herodotus and Thucydides. (ii) Roman Epic Poetry and Historians, with study of Virgil, Livy, Tacitus, Suetonius and Plutarch.

200. (i) GREEK AND ROMAN DRAMATISTS, with a study of selected plays of Aeschylus, Sophocles, Euripides, Aristophanes, Plautus, Terence, Seneca. (ii) The Development of Critical Ideas in Antiquity, with a study of Aristotle, *Poetics*, Horace, *Ars Poetica*, and Longinus, *On the Sublime*. No Prerequisite.

300. (i) THE HISTORY OF GREEK LITERATURE, with assigned readings from Homer to Plato. (ii) The History of Roman Literature, with readings from Lucretius, Cicero, Catallus, Horace, Virgil, Ovid, Juvenal and Apuleius. No prerequisite.

Course Descriptions

Computer Science 301. INTRODUCTION TO COMPUTING. Stored-program computers and algorithmic programming languages. Fortran. Applications to quadrature, solving linear and non-linear algebraic equations, statistics, actuarial science, sorting, critical path scheduling. Prerequisite: Mathematics 200.

311. INTRODUCTION TO COMPUTING. Same as computer science 301. Prerequisite: Mathematics 210.

East Asian Studies Note: Students registering in East Asian Studies 100 must take East Asian Studies 200 at a later session. Students registering in East Asian Studies 104 must take East Asian Studies 204 at a later date.

100. INTRODUCTORY MODERN STANDARD CHINESE. Texts: Tewksbury, *Speak Chinese*; Wang, *Read Chinese Book I*; Wang, *Chinese Dialogues*. (Two evenings each week.) No prerequisite.

104. INTRODUCTORY MODERN JAPANESE. A general introduction to the Japanese language. Basic speaking skills and writing of Hiragana and basic characters. (Two evenings each week.) No prerequisite.

106. INTRODUCTION TO INDIAN HISTORY. An analysis of main themes in the history of Indian civilization.

108. CHINESE AND JAPANESE LITERATURE IN TRANSLATION.

200. INTERMEDIATE MODERN STANDARD CHINESE. Texts: Wang, *Chinese Dialogues*; Wang, *Read Chinese*, Books II and III. (Two evenings each week). Prerequisite: East Asian Studies 100.

204. INTERMEDIATE MODERN JAPANESE. A continuation of 104. Speaking and writing skills at a more advanced level. Emphasis on reading comprehension through study of excerpts from modern standard authors. (Two evenings each week.)

206. CHINESE PHILOSOPHY. An introduction to the main Chinese philosophical traditions: Confucianism, Taoism, Mohism, Legalism, and Chinese Buddhism. No prerequisite.

208. SELECTED TOPICS IN CHINESE AND JAPANESE HISTORY. An analysis of the main themes in Far Eastern history. No prerequisite.

210. AN OUTLINE OF INDIAN PHILOSOPHY. The main schools of Indian philosophy and their discussions of the problem of knowledge. No prerequisite.

306. INTRODUCTION TO ASIAN CIVILIZATION. No prerequisite.

Course Descriptions

Economics Note: The numbering sequence in economics changed in the 1967-68 session. Students who wish to concentrate in economics are required to consult with an Academic Counsellor in the Division of Extension if they had completed economics 200 or 300 (theory courses) prior to the fall of 1967.

100. INTRODUCTION TO ECONOMICS.

200. ECONOMIC HISTORY OF EUROPE. No prerequisite.

201. MICRO ECONOMIC THEORY. Prerequisite: Economics 100 and 200.

300. ECONOMIC HISTORY OF CANADA. No prerequisite.

301. MACRO ECONOMICS AND WELFARE ECONOMICS. Prerequisite: Economics 201 and 300.

English Composition. In each year of the undergraduate course original essays are required during the session from students taking courses in English, even from those who have received dispensation from attendance at lectures. These essays, after being carefully examined, are returned with suggestions and criticisms, and the marks assigned are reckoned in determining standing at the annual examinations. The student is required to obtain a suitable dictionary and a textbook of composition from a list supplied by the instructor.

Candidates who have failed to secure standing in these essays will receive no credit for the examinations in the corresponding courses in literature, 100, 110, 200, 201, 300, 301, and will be required to repeat the work of the year in English.

100. ENGLISH LITERATURE FROM CHAUCER TO MILTON. Chaucer, from *The Canterbury Tales* two or three of *General Prologue*, *The Nun's Priest's Tale*, *The Merchant's Tale*, *The Pardoner's Prologue and Tale*, *The Wife of Bath's Prologue and Tale*; Spenser, *The Faerie Queene*, Book I, with special emphasis on selected cantos; Shakespeare, three of *Richard II*, *As You Like It*, *Hamlet*, *Othello*, *Antony and Cleopatra*, *The Tempest*; Donne, selected poems; Milton, *Paradise Lost*, with special emphasis on selected books; at least four of the following: More, *Utopia*; Bacon, selected prose; Milton, *Aeropagitica*; Bunyan, *Pilgrim's Progress*, Part I; *The Book of Job*; *Everyman*; Marlowe, *Doctor Faustus*; Jonson, *Volpone*; Webster, *The Duchess of Malfi*; Spenser, selected shorter poems; Milton, selected shorter poems; Shakespeare, selected poems; Jonson, selected poems; Herrick; Herbert; Marvell. Prescribed text for poetry (whenever applicable): *Representative Poetry*, Vol. I.

Course Descriptions

110. ENGLISH LITERATURE. Shakespeare, *King Lear*; Miller, *Death of a Salesman*; Melville, *Moby Dick*; Golding, *Lord of the Flies*; a novel and play to be announced; Milton, *Paradise Lost*, with emphasis on Books I, IV, IX; *Modern Poetry* (ed. Mack, Dean and Frost); Harris and McDougall, *The Undergraduate Essay*.

200. ENGLISH LITERATURE FROM DRYDEN TO KEATS. For special study: Dryden; Pope; Wordsworth; Keats; Swift, *Gulliver's Travels*; Johnson, *Lives of Dryden and Pope*, Pope, Preface to Shakespeare, selected essays, and "The Vanity of Human Wishes". Two novels chosen from Sterne, *Sentimental Journey*, Fielding, *Joseph Andrews*, Austen, *Pride and Prejudice*, Scott, *Heart of Midlothian*. Two plays chosen from Wycherley, *The Country Wife*, Congreve, *The Way of the World*, Sheridan, *The Rivals*, Goldsmith, *She Stoops To Conquer*. Selections from at least two of Byron, Blake, Coleridge, and Shelley. Prescribed text for poetry (where applicable): *Representative Poetry*. No prerequisite.

201. DRAMA AND NOVEL. At least ten of the following: Sophocles, *Oedipus Rex* (in translation); selections from *Everyman and Medieval Miracle Plays* (ed. Cawley); Shakespeare, *King Lear*; Shakespeare, *As You Like It*; Etherege, *The Man of Mode*; Shaw, *Heartbreak House* or *Man and Superman*; Ibsen, *The Wild Duck* (in translation); O'Neill, *The Emperor Jones*; Synge, *The Playboy of the Western World*; Eliot, *Murder in the Cathedral*; Miller, *Death of a Salesman* or *The Crucible*; Albee, *Who's Afraid of Virginia Woolf?*; Pinter, *The Homecoming*. At least eight of the following: Defoe, *Moll Flanders*; Richardson, *Pamela*; Austen, *Emma*; Brontë, *Wuthering Heights*; Hawthorne, *The Scarlet Letter*; Thackeray, *Vanity Fair*; Hardy, *Tess of the D'Urbervilles*; Bennett, *The Old Wives' Tale*; Conrad, *The Secret Agent*; Woolf, *To the Lighthouse*; Lowry, *Under the Volcano*. Prerequisite: English 100 and 200.

300. ENGLISH LITERATURE FROM TENNYSON TO THE PRESENT. Selections from Tennyson, Browning, Yeats, and T. S. Eliot. Selections from Arnold and two of the following: D. G. Rossetti, Christina Rossetti, Morris, Swinburne, Meredith, Hopkins, Hardy. Selections from Whitman and two of the following: Dickinson, Frost, Pound, Wallace Stevens, Auden, Dylan Thomas (*Representative Poetry*, Vol. III and texts to be specified by the instructor). A novel by Dickens; a novel by George Eliot. Two novels chosen from the works of two of the following: James, Conrad, Forster, Joyce, Lawrence, Fitzgerald, Faulkner, and Greene. Two of the following: Carlyle, *Sartor Resartus*; Newman, *On the Scope and Nature of University Education*, Lectures IV to VII; J. S. Mill, *On Liberty*; Arnold, *Culture and Anarchy*. Two of the following: Shaw, *Saint Joan*; O'Casey, *Juno and the Paycock*; O'Neill, *Long Day's Journey into Night*; Beckett, *Waiting for Godot*; Williams, *The Glass Menagerie*. No prerequisite.

Course Descriptions

301. POETRY AND PROSE. At least six of the following: selections from Chaucer, *The Canterbury Tales*; Milton, *Paradise Lost*; Pope, *Essay on Man* or *The Dunciad*; Shelley, *Prometheus Unbound*; Wordsworth, *The Prelude*; Tennyson, *Maud* or *Idylls of the King*; Meredith, *Modern Love*; Eliot, *Four Quartets*; one recent poem to be specified by the instructor. At least eight critics, to include the following: Aristotle; Sidney; two of Dryden, Pope, Johnson; Coleridge; Arnold; Eliot. Practical criticism. Prerequisite: English 201, 300.

Fine Art **100. CLASSICAL AND MEDIEVAL ART.**

200. RENAISSANCE AND BAROQUE ART TO 1700. No prerequisite.

201. THEORY AND TECHNIQUE OF THE PLASTIC ARTS. Two-dimensional and three-dimensional studies in the qualities of various materials. Prerequisite: Fine Art 100 and 200. (Two evenings each week.)

300. EUROPEAN ART FROM 1700 TO THE PRESENT. Prerequisite: Fine Art 200.

301. THEORY AND TECHNIQUE OF THE PLASTIC ARTS. A continuation of 201, with emphasis on sculpture and graphics. Prerequisite: Fine Art 201 and 300. (Two evenings each week.)

French An examination mark of at least 50% in each of Authors and Composition is required in 200 and 300.

100. REPRESENTATIVE WORKS OF FRENCH LITERATURE. Composition and language study. Supplementary work in the language laboratory. Prerequisite: Grade 13 French or equivalent. (In order to continue beyond French 100 a student must pass a college oral examination to demonstrate his ability to speak and understand French.) In addition to the regular lecture, language laboratory sessions will be held one hour each week.

200. FRENCH LITERATURE OF THE SEVENTEENTH AND EIGHTEENTH CENTURIES. Prescribed texts. Composition. (In order to continue beyond French 100 a student must pass a college oral examination to demonstrate his ability to speak and understand French.) Prerequisite: French 100.

201. STUDIES IN THE FRENCH NOVEL. Prescribed texts. French phonetics. Introduction to linguistics and its application to French. Oral French. Prerequisite: French 200.

Course Descriptions

300. FRENCH LITERATURE OF THE NINETEENTH AND TWENTIETH CENTURIES. Prescribed texts. Supplementary reading. Composition. Prerequisite: French 200.

301. MODERN FRENCH DRAMA. Prescribed texts. Supplementary reading. Composition. Oral French. Prerequisite: French 201, 300.

Geography **100. AN INTRODUCTION TO GEOGRAPHY.** An analysis of the major elements of man's natural environment and their interrelationships. Lectures and practical work.

200. GEOGRAPHY OF RESOURCES. Problems of resource use with particular reference to their environmental setting. Lectures, Tutorial groups. Prerequisite: Geography 100.

201. GEOGRAPHICAL METHODS. Introduction to statistical techniques. Methods of analysis in Geography, including statistical and cartographic techniques. Prerequisite: Geography 200.

300. CANADA AND THE UNITED STATES. Lectures, Seminars and practical work. Prerequisite: Geography 100.

301. URBAN GEOGRAPHY. Lectures and practical work. Prerequisite: Geography 201, 300.

Geology **100. GEOLOGY.** A survey course in Geology. No prerequisite, but a First-Year Chemistry course is recommended.

101. GEOLOGY FOR STUDENTS IN THE GENERAL ARTS COURSE. A lecture and laboratory course.

German The courses include throughout not only standard works of literature, but also works treating the history and institutions of Germany. A list of prescribed texts may be obtained on application to the department. First year courses are the normal prerequisites for second year, second for third.

100. INTRODUCTION TO MODERN GERMAN LITERATURE. Prescribed texts, supplementary texts; composition; oral practice. Prerequisite: Grade 13 German or equivalent.

200. GERMAN LITERATURE OF THE EIGHTEENTH CENTURY. Representative works of Lessing, Goethe (including *Faust I*), Schiller and others. Prescribed texts, supplementary texts; composition; oral practice. Prerequisite: German 100.

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201. WORKS OF THE ROMANTICS AND THEIR CONTEMPORARIES. Prescribed texts, supplementary texts; composition; oral practice. Concentration Course. Prerequisite: German 200.

300. GOETHE, *Faust II*; MAJOR WORKS IN GERMAN LITERATURE FROM HEINE TO BRECHT. Prescribed texts, supplementary texts; composition; oral practice. Prerequisite: German 200.

301. GERMAN DRAMA OF THE NINETEENTH AND TWENTIETH CENTURIES, from Kleist to Brecht, Dürrenmatt and Frisch: prescribed texts; supplementary texts; composition. Concentration Course. Prerequisite: German 201, and 300.

Greek and Roman History **100. THE SOCIAL AND POLITICAL HISTORY OF GREECE to the death of Alexander the Great.**

200. THE SOCIAL AND POLITICAL HISTORY OF GREECE AND ROME from the death of Alexander the Great to the Fall of the Roman Republic. No prerequisite.

300. THE SOCIAL AND POLITICAL HISTORY OF THE ROMAN EMPIRE; the Rise of Christianity. No prerequisite.

310. THE GRAECO-ROMAN WORLD: a study of Greek and Roman ideas and institutions. No prerequisite.

History No single text-book is prescribed for any course in History. A full reading list for each course will be supplied at the opening of term. Essays are prescribed in all courses.

Students concentrating in History should note the changes in the history concentration sequence as outlined on page 26.

100. EUROPE FROM 1400 TO 1945. A general survey of the major developments in European history. In the first term (to 1789) the main emphasis is placed upon continental Europe; in the second term the geographical scope is enlarged for the sake of an adequate discussion of the two world wars.

200. GREAT BRITAIN. History of Great Britain from 1485 to the present. This course traces the developments in the three major fields of religion, politics, and economics over the past 500 years which have created modern Britain. No prerequisite.

Course Descriptions

202. THE UNITED STATES. General survey of American political, economic and diplomatic history from the revolution to the present day. No prerequisite. (Scarborough campus only.)

205. NATIONALISM AND INTERNATIONALISM SINCE 1870. Concentration Course. Prerequisite: 100 and 200. (Scarborough Campus only.)

300. CANADA. A survey of the political, social and economic history of Canada, topically treated, from 1663 to 1967. No prerequisite.

301. THE BRITISH EMPIRE AND COMMONWEALTH SINCE 1850. Prerequisite: History 201 or 205, and 300. Concentration Course. (Scarborough campus only.)

310. EUROPE AND THE MODERN WORLD 1500-1950. Main outlines of European civilization from the close of the Middle Ages to the cold war and Europe's impact on the world. Special emphasis on the 19th and 20th centuries. No prerequisite.

341. ITALY SINCE 1789. The unification of the Italian peninsula, the liberal regime (1870 to 1922), and the Fascist era. Liberalism, nationalism, imperialism, and church-state relations are the major themes. The socio-economic problems that caused emigration and the impact of emigration are also studied. No prerequisite.

342. EUROPEAN INTELLECTUAL HISTORY. The ideas, attitudes and myths of representative intellectuals in Europe, 1815-1914. Social and historical context of intellectual trends are considered. Representative thinkers include St. Simon, Fourier, Comte, Hegel, Feuerbach, Marx, Schopenhauer, Nietzsche, Mill, Spencer. Third year concentration course.

Italian Italian 100 may not be taken by students with Grade 13 Italian or equivalent. These students must take Italian 200 as a First Year prescription.

Supplementary reading under the direction of the Staff may be required of students in all years.

100. INTRODUCTORY COURSE IN ITALIAN. Prescribed texts: Speroni and Golino, *Basic Italian* (rev. ed.); Pirandello, *Così è se vi pare* (ed. Russo); Cantarella, *Prosatori del Novecento*. No prerequisite.

200. INTERMEDIATE COURSE. Prescribed texts: Manzoni, *I promessi sposi* (ed. Russo); Verga, *Pane nero* (ed. White); *The Penguin Book of Italian Verse*; Pirandello, *Sei personaggi in cerca d'autore* and *Enrico IV*; Speroni and Golino, *Leggendo e ripassando*. Prerequisite: Gr. 13 Italian or Italian 100.

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201. ITALIAN LITERATURE OF THE TWENTIETH CENTURY. Oral Practice. Prerequisite: Italian 200.

300. ITALIAN LITERATURE AND CULTURE OF THE MIDDLE AGES. Prescribed texts: Dante, *La Divina Commedia* (ed. Sapegno), Vol. I; Boccaccio, *Il Decamerone* (ed. Ottolini); Petrarca, *Canzoniere*. Prerequisite: Italian 200.

301. ITALIAN RENAISSANCE LITERATURE. Oral Practice. Prerequisite: Italian 201 and 300.

Latin **100. THE LAST CENTURY OF THE REPUBLIC.** Life and letters, with a study of Cicero in *Cantilina III*. Lucretius V, lines 925-965, 988-1135, 1194-1240, 1379-1435, Catullus 1, 3, 4, 7, 8, 11, 31, 44, 45, 46, 51, 72, 73, 76, 96, 101, 109. The social and literary background; rapid reading; review of accidence and syntax. Prerequisite: Grade 13 Latin or equivalent.

200. ROMAN LETTERS; VIRGIL; COMPOSITION. R. G. C. Leavens, *A Book of Latin Letters* 1, 2, 5, 7, 12, 16, 18, 19, 22, 23, 26, 30, 35, 39, 40, 42, 43, 46, 48, 49, 51, 52, 57, 58, 60, 63, 64, 68, 69, 72. Virgil, *Aeneid* IV, VI. Prose composition; translation at sight. Prerequisite: Latin 100.

201. CAESAR, VIRGIL, OVID. Caesar, *De Bello Civili* I; Virgil, *Aeneid* I, II; Ovid, *Metamorphoses* VIII, *Tristia* III, 1-10. Prerequisite: Latin 200.

300. HORACE, TACITUS; COMPOSITION. Tacitus, *Agricola*; Horace, *Epistles* I 1, 3, 5, 6, 9, 10, 12, 13, 16, 19, 20; *Odes* I 2-5, 7, 9, 10, 14, 22-24, 29, 31, 34, 37; II 3, 7, 10, 13, 14, 16; III 1, 5, 8, 9, 13, 21, 23, 30; IV 5, 7, 15. Prose composition; translation at sight. Prerequisite: Latin 200.

301. PLAUTUS, LIVY; ROMAN SATIRE, PLATON. Rudens; Livy XXI; Horace, *Satires* I, 9, 10; Juvenal, *Satires* 3, 10. Prerequisite: Latin 201, 300.

Linguistics **100. INTRODUCTION TO GENERAL LINGUISTICS.** H. A. Gleason, Jr., *An Introduction to Descriptive Linguistics*, with *Workbook*.

200. LANGUAGE LEARNING. Theory and practice of first and second language learning; experience in learning an exotic language. No prerequisite.

300. SOCIOLINGUISTICS. The status of language variety in culture; folklore, authoritarianism, and correctness myths; the functions of standard. No prerequisite.

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Literature 310. CONTEMPORARY LITERATURE. Drama: Anouilh, *Antigone*; Beckett, *Waiting for Godot*; Brecht, *The Life of Galileo*; Dürrenmatt, *The Physicists*; Fry, *The Lady's Not For Burning*; Garcia Lorca, *Blood Wedding*, *Yerma*, *Bernarda Alba*; Giraudoux, *Tiger at the Gates*; Ionesco, *The Bald Soprano*; Pirandello, *Six Characters In Search of An Author*; Sartre, *No Exit*; Williams, *The Night of the Iguana*. Fiction: Camus, *The Outsider*; Faulkner, *As I Lay Dying*; Hemingway, *The Snows of Kilimanjaro*, *A Clean, Well-Lighted Place*, *The Killers*, *The Short, Happy Life of Francis Macomber*; Hesse, *Steppen-wolf*; Joyce, *Portrait of the Artist as a Young Man*; Kafka, *Metamorphosis*; Mann, *Confessions of Felix Krull*, *Confidence Man*; Mauriac, *Viper's Tangle*; Zamyatin, *We*. Currents of Thought: Freud, *Civilization and its Discontents*. The French, German, Italian, Spanish and Russian Works will be studied in translation. No prerequisite.

Mathematics 100. CALCULUS. Limits of sequences and functions; differentiation and integration of functions of one variable with applications to geometry and kinematics; introduction to space geometry. Prerequisite: Grade 13 Mathematics A. Prerequisite for Mathematics 200.

110. CALCULUS. Derivatives, anti-derivatives and definite integrals, with applications. Prerequisite for Mathematics 210. Prerequisite: Grade 13 Mathematics A.

***200.** CALCULUS. An extension of course 100. Methods of integration; the definite integral with applications; infinite series; partial differentiation; differential equations. Students who wish to take this course without concentrating in Mathematics should consult the Department of Mathematics before doing so. Prerequisite: Mathematics 100.

201. GEOMETRY. A modern approach to geometry, involving Euclidean, Affine, Projective and Non-Euclidean geometries. Textbook: Coxeter, *Introduction to Geometry*. Prerequisite: Mathematics 200.

***210.** CALCULUS. An extension of course 110; the definite integral, expansion in series, partial differentiation, multiple integration, differential equations. Prerequisite for Applied Mathematics 310. Prerequisite: Mathematics 110.

211. ALGEBRA. Linear equations and transformations, quadratic forms and their geometrical interpretation, introduction to groups, rings and fields. Prerequisite: Mathematics 110.

*Students who obtained less than Grade C in mathematics 100 or 110 are advised to consult the Department of Mathematics before enrolling in this course.

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300. MODERN ALGEBRA. The integers, rational numbers, integral domains, fields, the polynomial ring, introduction to group theory, vector spaces, linear transformations, matrices and determinants. Prerequisite: Mathematics 200.

301. ANALYSIS. Metric spaces, functions of several variables, complex variable theory and applications, Fourier series. Prerequisite: Mathematics 201, 300.

311. GEOMETRY. Introduction to Euclidean geometry, with emphasis on the axiomatic method, modification of the axioms to yield projective, affine and non-Euclidean forms of geometry. Prerequisite: Mathematics 211.

Microbiology **310. INTRODUCTORY MICROBIOLOGY.** A lecture and laboratory course designed to serve as an introduction to the study of bacteria, fungi, viruses and rickettsiae. The properties of the organisms such as their structure, growth, metabolism and nutrition, immunity mechanisms and pathogenicity will be covered. Selected species will be used to demonstrate the significance of micro-organisms in agriculture, industry and the health sciences. (Two evenings each week.) Prerequisite: First Year Botany, Zoology or Biology.

Music **100. OPERA AND ORATORIO.** A study of dramatic music.

200. SYMPHONY AND CONCERTO. No prerequisite.

201. THE STRUCTURE OF MUSIC. Analytic study of tonal harmony, triads through 7th chords, modulation and non-harmonic material; acoustical basis of music form, rhythm and metre. Prerequisites: R.C.M.T. Grade II Theory, Grade XIII Music, or Faculty of Music examination in musical rudiments, in addition to Music 100 and 200.

300. CHAMBER MUSIC. KEYBOARD LITERATURE AND SONG. Prerequisite: Music 100 or 200.

301. THE STRUCTURE OF MUSIC. Analytic study of chromatic harmony as applied to the literature from the eighteenth century to the present day. Prerequisites: Music 201 and 300.

Near Eastern Languages Note: Students who enrol in Near Eastern Languages 100 must also take Near Eastern Language 200 at a later session.

On petition, Near Eastern Languages 100 may be taken as a second year course, in which case Near Eastern Language 200 must be taken as a third year course.

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100. INTRODUCTORY CLASSICAL HEBREW. (Two evenings each week.) No prerequisite.

200. INTERMEDIATE HEBREW. Prerequisite: Near Eastern Languages 100.

Nursing **110.** A study of human development through the phases of the life cycle correlating physiological, psychological and social factors and the implications for nursing in the various community health services.

Philosophy Note: A sequence in ethics has been introduced. Students who wish to concentrate in philosophy may take the ethics courses as part of their concentration sequence. (See "subject of concentration" on page 25.)

100. ETHICS. This course consists of (a) an investigation of the functions of morals with specific reference to problems of modern society; (b) an examination of the psychology of human behaviour; (c) a study of the basic criteria of moral judgements.

102. PHILOSOPHY: General Introduction. A survey of the field of philosophy and its relation to other disciplines; examination of (a) the main problems of logic (the nature of exact thinking, deduction, induction, scientific method, semantics); (b) the main alternative theories of knowledge (idealism, realism, empiricism, operationalism); (c) the main alternative metaphysical theories (idealism, naturalism, materialism, phenomenism).

200. ETHICS: HISTORICAL AND SYSTEMATIC. Greek ethics with special reference to the social and political thought of Plato and Aristotle; the Stoic and Epicurean teaching. No prerequisite.

202. GREEK PHILOSOPHY. The major ideas of Greek philosophy and science from the pre-Socratic thinkers to the Stoics and Epicureans. No prerequisite.

203. PROBLEMS IN EPISTEMOLOGY. Concentration course. Prerequisite: Philosophy 102, 202.

210. ETHICS: FREEDOM AND THE NATURE OF MAN. No prerequisite.

300. MODERN ETHICS. Types of ethical theory from the seventeenth century to the present day; social and political ideals in recent times; development of ethical doctrines in relation to systematic philosophy. No prerequisite.

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302. PHILOSOPHY FROM THE RENAISSANCE TO THE PRESENT. The rise of modern science, and its transformation of traditional beliefs; continental rationalism; English empiricism; the critical philosophy of Kant; German romanticism, scientific positivism, philosophies of evolution; present-day trends in Philosophy. No prerequisite.

303. PROBLEMS IN METAPHYSICS. Concentration course. Prerequisite: Philosophy 203 and 302.

Philosophy **108. AN HISTORICAL INTRODUCTION TO PHILOSOPHY.** A general view of
St. Michael's some fundamental problems with special attention to technical vocabu-
College lary.

206. PHILOSOPHY OF MAN AND MORAL ACTION. No prerequisite.

208. MEDIAEVAL PHILOSOPHY. Concentration Course. Prerequisite: Philosophy 108 and 206.

306. SOCIAL AND POLITICAL PHILOSOPHY. No prerequisite.

308. MODERN AND CONTEMPORARY PHILOSOPHY. Prerequisites: 208 and 306.

Physics **100. A one-year course on the laws and principles of physics.** Text-
books: Beiser, *Basic Concepts of Physics*; Orear, *Fundamentals of Physics*.

110. MECHANICS AND PROPERTIES OF MATTER. Mechanics, Waves and Thermal Physics. Prerequisite: Mathematics 110 or may be taken concurrently with Mathematics 110.

210. ELECTRICITY AND ATOMIC PHYSICS. Electricity, Light, Atomic and Nuclear Physics, Cosmic Rays. Textbooks; Weidner and Sells, *Elementary Classical Physics*, Vol. 2; Weidner and Sells, *Elementary Modern Physics*, Vol. 3. Prerequisite: Physics 110 and Mathematics 110. (Two evenings each week.)

211. SOLID STATE PHYSICS. Thermodynamic properties of solids, black body radiation, crystal structure and diffraction of waves; conductors and insulators, transistor devices. Prerequisites: Physics 110 and Mathematics 110 or equivalents. (It is recommended that Mathematics 210 and Physics 210 be taken before Physics 211.) (Two evenings each week.)

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310. ATOMIC AND NUCLEAR PHYSICS. A study of related concepts taken from atomic and nuclear physics—elementary quantum mechanics. Atomic and nuclear structure, energy levels, spectra and decay schemes. (Mathematics 210 and Physics 210 are recommended as preparation for Physics 310.) (Two evenings each week.)

311. CLASSICAL AND QUANTUM MECHANICS. Prerequisites: Mathematics 210, Physics 211; corequisites Applied Mathematics 310, and Physics 310. (Two evenings each week.)

Physiology **321.** An elementary lecture course on the principles of human physiology. Two hours a week.

371. A course of laboratory exercises and demonstrations to accompany 321. It is designed to give the student an opportunity to acquire a detailed and personal knowledge of some of the most important of the subjects already mentioned in the lecture course and to provide additional material even more directly related to the student's special interests. Three hours a week.

Political Science **Note:** Third year courses in Political Science have been revised. Students who have completed Political Science 300 prior to the 1967-68 winter session and who are concentrating in Political Science must take Political Science 300 (Modern Political Theory) instead of Political Science 301.

100. INTRODUCTION TO POLITICAL SCIENCE. With special reference to the Government of Canada.

200. POLITICS AND GOVERNMENTS OF THE UNITED KINGDOM AND THE UNITED STATES. No prerequisite.

201. HISTORY OF POLITICAL THOUGHT. Prerequisite: Political Science 100 and 200.

300. MODERN POLITICAL THEORY. Prerequisite: Political Science 200.

301. COMPARATIVE GOVERNMENT. Governments of the USSR and other selected states. Prerequisite: Political Science 201 and 300.

302. INTERNATIONAL RELATIONS. No prerequisite.

Preventive Medicine **300. PREVENTIVE MEDICINE.** A study of the problems and practices of preventive medicine. The subject matter reviews the historical development, and an introduction to demography and vital statistics. The basic

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aspects of infection and immunity are covered, followed by a discussion of the epidemiology of communicable diseases stressing prevention and control. Chronic diseases and accidents are dealt with. The public health aspect of nutrition is presented. A study is made of the trends in major health problems in Canada and other countries. Emphasis is placed on the epidemiological approach, and consideration is given to their control by individual and community action. Three hours a week, both terms.

Psychology **100. BASIC CONCEPTS IN PSYCHOLOGY.** A lecture course on the methods and principles of psychology emphasizing learning, motivation and perception.

200. DEVELOPMENTAL PSYCHOLOGY. Aspects of development, primarily human, from conception to old age. Prerequisite: Psychology 100.

201. EXPERIMENTAL PSYCHOLOGY. Methods and strategies in the measurement of psychological variables. Lectures and demonstrations. Prerequisite: Psychology 200.

206. INDIVIDUAL DIFFERENCES. Measurement and concepts of individual differences: Prerequisite: Psychology 100.

210. EXPERIMENTAL FOUNDATIONS OF GENERAL PSYCHOLOGY. No prerequisite.

301. LEARNING AND MOTIVATION. An intensive study of selected topics. Prerequisite: Psychology 201, 304.

303. SENSATION AND PERCEPTION. Concentration Course. Prerequisite: Psychology 201, 304.

304. SOCIAL PSYCHOLOGY. Social and individual factors in behaviour. Prerequisite: one prior course in psychology. May not be taken if Psychology 204 was taken in the Second Year. Prerequisite: Psychology 100, 200 or 202.

305. BIOLOGICAL FOUNDATIONS OF BEHAVIOUR. Concentration course. Prerequisite: Psychology 201, 304.

Religious Studies **100. INTRODUCTION TO RELIGIOUS STUDIES.** An overall view of the phenomenon of religion, as a preparation for further specialization in religious studies. Phenomenology and philosophy of religion. Religions of the East and West.

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200. THE LIVING RELIGIONS OF MANKIND. The faiths of India; China's Three Ways, the New Religions of Japan; the Near Eastern Faiths. 2 hour lecture, 1 hour seminar per week.

300. CONTEMPORARY PROBLEMS IN RELIGION AND ETHICS. A flexible course which deals with questions arising from such issues as the relation between science and religion, the criticism of religion by Freud and others, situation ethics.

Slavic **100. ELEMENTARY RUSSIAN.** Summer Day Session students who select Russian 100 may not enrol in any other course. No prerequisite. (Two evenings each week.)

200. INTERMEDIATE RUSSIAN. Russian 200 may not be taken concurrently with any other course except Russian 201. Prerequisite: Russian 100. (Two evenings each week.)

201. NINETEENTH CENTURY RUSSIAN LITERATURE. Readings in translation. Prerequisite: Russian 100 and 200.

300. ADVANCED RUSSIAN. Prerequisite: Russian 200.

301. TWENTIETH-CENTURY RUSSIAN LITERATURE. Readings in the original and in translation. Prerequisites: Russian 201 and 300.

Sociology **100. INTRODUCTION TO SOCIOLOGY.** An introduction to the basic concepts, principles and methods of sociology as a discipline for the study of society.

200. CONTEMPORARY SOCIETY: PROBLEMS AND ISSUES. Explores the problems of contemporary urban society in interdisciplinary perspective and analyses specific major social problems and issues. Prerequisite: Sociology 100.

201. METHODS OF SOCIAL RESEARCH. An introduction to sociological methods of collection, presentation and analysis of data, including an elementary consideration of the principles of quantitative research. Prerequisite: Sociology 200. (Additional hours may be required.)

204. THE SOCIOLOGY OF THE FAMILY. The development of the contemporary Western family with special emphasis on the changing relations among its members. Prerequisite: Sociology 100.

300. SOCIAL STRATIFICATION. Examines the various systems by which, in all human societies, rewards (such as prestige, power, wealth, and oth-

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ers) are differentially distributed, and the principal theories which have attempted to account for these phenomena. Prerequisite: Sociology 100 or 202.

301. SOCIOLOGICAL THEORY. Concerned with the development of sociology and with the works of particular sociologists whose concepts not only have historical interest but also illumine the subject matter and method of contemporary sociology. Prerequisite: Sociology 201.

Spanish Note: Spanish 100 may not be taken by students with grade 13 Spanish or equivalent. These students must take Spanish 200 as a first year course.

Supplementary reading under the direction of the Staff may be required of students in all years.

100. INTRODUCTORY COURSE IN SPANISH. Prescribed texts: Turk, *Foundation Course in Spanish* (rev. ed.); *Corazón de España* (ed. Centeno). No prerequisite.

200. INTERMEDIATE COURSE. Prescribed texts: Da Silva and Lovett, *A Concept Approach to Spanish*; Neville, *El Baile*; *Veinte cuentos españoles del Siglo XX* (ed. Anderson-Imbert and Kiddle); Unamuno, *Abel Sánchez*. Prerequisite: Spanish 100 or Grade 13 Spanish.

201. MODERN HISPANIC LITERATURE. Oral practice. Prescribed texts. Prerequisite: Spanish 200.

300. SURVEY OF SPANISH LITERATURE. Prescribed texts: Pattison, *Representative Spanish Authors* (2 vols., rev. ed.). Prerequisite: Spanish 200.

301. SPANISH LITERATURE OF THE GOLDEN AGE. Composition. Oral practice. Prescribed texts. Prerequisite: Spanish 201, 300.

Statistics **201. PROBABILITY AND STATISTICS.** An introduction to the mathematical theory of probability, with applications in statistics. Mathematics 200 must be taken previous to or concurrently with statistics 201.

Zoology **101. ELEMENTARY ZOOLOGY.** An introductory lecture and laboratory course intended to provide some understanding of modern biological views of living organisms, and some acquaintance with the major invertebrate and vertebrate types, with emphasis on the latter.

110. MODERN ZOOLOGY AND THE NATURE OF LIFE. A lecture and laboratory course on the molecular basis of life and the integration of form

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and function. The many disciplines of this science are stressed. The laboratory gives an insight into the experimental method, using living organisms where possible. Prerequisites: Physics 110 and Chemistry 110.

141. A lecture and laboratory course on the principles of form, function and inheritance of animals. The laboratory deals with living animals wherever possible to illustrate function. A general survey of the organ systems of the mammal is included. (Two evenings each week.) Students may not take any other course concurrently with Zoology 141.

210. VERTEBRATE ZOOLOGY. Structure and development of the vertebrates. A course on the comparative anatomy, microscopic anatomy and embryology of vertebrates. (Two evenings each week.) Prerequisite: one First Year course in Botany or Zoology or Biology.

211. INVERTEBRATE ZOOLOGY. A course on the structure, function and classification and phylogenetic relationships of invertebrate animals. Prerequisite: one First-Year course in Botany or Zoology (or Biology). Prerequisite for 310. (Two evenings each week.)

310. PHYSIOLOGY. A course on the function of whole animals, their parts and individual cells. Prerequisite: First Year Botany or Zoology or Biology; Chemistry 211 and Physics 211 are not prerequisites, but are strongly recommended. (Two evenings each week.)

311. ECOLOGY. The interrelationships of animals including man, and the environment. Ecosystems and communities and factors that affect the distribution and number of animals. Prerequisite: First-Year Botany or Zoology or Biology. (Two evenings each week.)

General Regulations

Refunds and Withdrawals In order to become eligible for a refund of fees the student *must write* to the Division of University Extension and return his Admit-to-Lectures card for cancellation or alterations as the case may be. He must state specifically the date of his last attendance in the lecture(s) concerned.

A student is allowed a maximum of four weeks from the date of withdrawal to give notice. If he fails to follow the above instructions in full the amount of the refund will be reduced proportionately. In case the student neglects to state the date of withdrawal the postmark of his letter will be used as the effective date and requests for further consideration of the amount of the refund will not be considered. Merely ceasing to attend lectures or informing the instructor, though it is courteous to do this, does not constitute official withdrawal.

Note: Students who do not write the Final Examination or who withdraw from a course after February 15 of the Winter Session or August 1 of the Summer Day or June 30 of the Summer Evening Session, except for medical or similar reasons, for which proof must be submitted, will be considered for purposes of re-enrolment to have failed to obtain standing in the course.

Subject Changes Changes of course and of subject, which are in accordance with the calendar regulations, will be dealt with as follows:

1. WINTER SESSION:

- (a) From the beginning of the session to October 15 granted if approved by the Assistant Director, Division of University Extension.
- (b) October 15 to November 1 granted if approved by the head of the department concerned.
- (c) After November 1, granted only in exceptional circumstances.

2. SUMMER EVENING SESSION:

- (a) From the beginning of the session to June 2, granted if approved by the Assistant Director, Division of University Extension.
- (b) After June 2, granted only in exceptional circumstances.

3. SUMMER DAY SESSION:

- (a) From the beginning of the session to July 14, granted if approved by the Assistant Director, Division of University Extension.
- (b) After July 14, granted only in exceptional circumstances.

Procedure for Examinations 1. The Annual (Spring) examinations in the Faculty of Arts and Science and the School of Nursing will begin on April 21, 1969 and will continue for approximately three weeks. The August examinations will begin on Monday of the week following completion of Summer Session lectures.

General Regulations

2. Students are no longer required to submit applications for examinations for the subjects in which they are registered during either a Winter or Summer Session.

Only those listed below need apply:

- (a) Students who have been granted supplemental examination privileges.
 - (b) Students who were unable to write at the usual examination period, but who have been granted exemption from the academic penalty and are permitted to write at a subsequent examination period.
 - (c) Students who wish to write a subject at outside Centres.
 - (d) Students who wish to rewrite a subject in which they have previously obtained standing for the purpose of upgrading their final mark.
3. Where applications for examinations are required they must be submitted by:
 - i) November 30 for the following Annual (Spring) examinations.
 - ii) July 10 for the following August examinations.
 - iii) A penalty fee of \$1 per day to a maximum of \$20 will be charged on all applications for examination received after November 30, for the following Annual (Spring) examinations and July 10, for the following August examinations.

Applications for examination submitted more than 20 days past the due date will be accepted only in exceptional circumstances.

Students to whom above sections (a) and (b) apply will normally receive Application Forms from the Secretary, Faculty of Arts and Science or the School of Nursing when granted the privilege to write. Students in category (c) and (d) must request that an Application Form be sent to them.

Failure to receive the Application Form in the mail does not absolve a student from the responsibility for submitting an Examination Application by the due date. Additional Application Forms may be obtained from the Division of University Extension.

4. Examinations are conducted by the Faculty of Arts and Science and the School of Nursing. EXAMINATION NUMBERS under which candidates write will be mailed to students prior to the final examination. It is, therefore, extremely important that students notify the Division of University Extension of any change of address during the year. Students are required to show their admit-to-lectures cards when writing examinations.

General Regulations

5. The Annual examinations are held at the University and at the following centres: Banff, Calgary, Charlottetown, Edmonton, Fredericton, Halifax, Kapuskasing, Kenora, Kingston, Kirkland Lake, London (Ont.), London (Eng.), Montreal, North Bay, Ottawa, Port Arthur, Quebec, Regina, St. John's (Nfld.), Saskatoon, Sault Ste. Marie, Sudbury, Vancouver, Whitehorse (Yukon), Windsor, Winnipeg. Normally only students who have supplemental privileges and who are *not in attendance* in the session for which examinations are written, will be permitted to write at an Outside Centre. Application to write at an Outside Centre must be made not later than the preceding November 30 for the Annual (Spring) examinations and not later than the preceding July 10 for the August examinations.
6. A provisional TIME-TABLE will be posted in buildings on the campus approximately three weeks prior to the Annual examinations to permit students to report clashes. The final time-table will be posted in buildings on the campus about a week later. Copies of the time-table will be mailed to students. Information regarding dates of specific examinations cannot be given by telephone.
7. RESULTS of examinations will be mailed to each candidate.

Term Marks and Examinations The following regulations apply to all Degree Courses in Extension:

A student whose attendance at lectures or laboratories, or whose work is deemed by the council of the faculty to be unsatisfactory, may have his registration cancelled at any time by the council.

1. A candidate will not be allowed to present himself for examination in any subject until he has paid fees in full, attended lectures in the subject during one academic session and has obtained a term mark.
2. All term assignments must be submitted before the beginning of the relevant examination period.
3. The marks for term work in each subject will be determined in the manner considered to be most suitable by the department concerned.
4. The ratio of term marks to examination marks in each subject will be determined by the council.
5. A student who has not obtained a satisfactory term mark in a subject (other than English) may write that subject, and will be granted standing in it, provided his examination mark is sufficiently in excess of 50% to overcome his deficient term mark. To obtain a new (or higher) term mark, a student must re-enrol in that subject.

General Regulations

6. In English, a term mark of at least 50% is mandatory, without which it is useless to write an examination. A student who lacks a passing term mark in this subject must re-enrol and obtain a new (and satisfactory) term mark and write the final examination.
7. In order to receive credit in a subject, other than the subject of concentration, a candidate must obtain at least 50% of the examination marks as well as 50% of the aggregate of the term and examination marks in that subject. A successful candidate is graded as A, B, C, or D. For grade A a candidate must obtain at least 75%, for grade B at least 66%, for grade C at least 60%, for grade D at least 50% of the marks assigned to a subject.
8. A student who does not write the final examination at the end of any session or who withdraws from a course after February 15 of the Winter Session and August 1 of the Summer Day Session or June 30 of the Summer Evening Session, except for medical or similar reasons for which proof must be submitted, will be considered to have failed to obtain standing in the course.
9. Petitions for consideration with regard to the Annual (Spring) or August examinations on account of sickness, domestic affliction, or other causes, must be filed with the Assistant Director, Division of University Extension, on or before *the last day of the examination*, together with a *doctor's certificate* which includes a statement that the candidate was examined at the time of the illness, or other evidence. In order to qualify for aegrotat consideration or standing a student *must* have a passing term mark and a satisfactory medical certificate. These must be submitted before the end of the examination period in question.

A student who satisfies this requirement will *normally* be permitted to write the examination(s) at the next available examination period without academic penalty or payment of the supplemental examination fee. If the student does not write at that time or if he fails to achieve standing he shall forfeit his term mark(s) and be required to re-enrol. Aegrotat *standing*, i.e. standing in a subject or subjects without being required to write the final examination(s), is granted only once to any student and is seldom granted unless such standing is required to complete the degree programme.

10. A student is required to clear a condition by writing a supplemental examination during the *next* examination period. If standing in the subject has still not been obtained, the candidate must re-enrol in it, secure a new term mark, and write the examination under the same conditions. Should he not succeed in obtaining standing in these further attempts, he will not be allowed to take the subject again.

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11. A student who fails a subject should consult the Department concerned with respect to the content of that subject before rewriting the examination.
12. No special examination will be set in any subject because of change in its content.
13. Students will be refused the privilege of going over their final examination papers with the examiners concerned. However, students may petition to have their examination marks re-checked on the payment of a fee of \$5.00 per subject. This fee will be refunded if an error in reporting a mark is detected.
14. Students may rewrite one or more subjects in which they have standing in order to obtain a higher grade in those subjects, provided that they do so only on one occasion and within five years of the first examinations in them.
15. A student in a degree programme must obtain standing, on the initial attempt, in at least 7 of the first 11 courses taken or he will be considered as having on two occasions failed to secure the right to advance to a higher year. He will be liable to be refused re-admission to the faculty and, possibly, be debarred from the University. (See Penalties For Unsatisfactory Work.)
16. A student who on one occasion has previously failed to secure the right to advance to a higher year in degree or diploma programmes in this or another university, and who, as a student in the Degree Courses, Extension, fails more than one of his first six subjects on the initial attempt, will be liable to be penalised under regulations described in Penalties For Unsatisfactory Work.

MATURE STUDENTS ON PROBATION Candidates accepted by the Senate's Committee on Admissions as mature students are admitted on probation.

A mature student, registered in a degree course in the Division of University Extension, who does not meet in full the published admission requirements, and who has been admitted as a mature student on probation, must obtain standing on the initial attempt in at least five of his first six subjects in order to have his probationary status removed. If the student fails more than one of his first six subjects, he will not be allowed to re-enroll in any degree course in the Division of University Extension or to enrol in any other course in the University of Toronto until he presents in full the published admission requirements.

NOTE: A student on probation who fails to obtain standing in one subject and subsequently successfully passes the supplemental examination

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in that subject is nonetheless considered to have once failed to obtain standing.

SUBJECT OF CONCENTRATION

1. In order to receive credit in the subject of concentration a candidate must obtain an average of 60% in the two courses of which that subject is composed, and not less than 50% in either one.
2. A student who has failed to obtain standing in his subject of concentration may rewrite this subject once. He may choose to write either one of the courses or both courses which constitute the subject of concentration; but if he decides to rewrite both courses he must do so at one set of examinations. If he wishes, he may, after his first failure, re-enrol for instruction in his subject of concentration before rewriting. If he fails to obtain standing on his second attempt he will be required to withdraw and refused re-enrolment in the General Arts Course, Extension.

If a student intends to re-enrol, he must advise the Division of University Extension to this effect before the examination period in which he would be required to write the supplementals.

PENALTIES FOR UNSATISFACTORY WORK Regulations concerning penalties for unsatisfactory work are as follows (descriptive terms are shown in brackets):

- a) Any student who withdraws after February 15, in the winter session or August 1, in the summer day or June 30 in the summer evening session without valid reason such as illness, or who does not withdraw but does not write the final examinations, will be regarded as having failed his subject.
- b) A student will not be permitted further registration or examination in the Faculty if, on two occasions at this or another university or both, he shall have failed to obtain standing in his year. (Refused re-admission to the Faculty.)
- c) In cases of unsatisfactory work of a very serious nature, the Faculty Council may recommend to the Senate that a student be debarred from the University. (Debarred).

APPEALS A student wishing to appeal to the Senate against a decision of the Faculty Council should consult the Assistant Director of the Division of University Extension about the preparation and submission of his petition to the Secretary of the Senate.

University Extension Programmes

The Division of University Extension offers many other courses, institutes and public lectures. Readers of this Calendar are invited to ask about:

CERTIFICATE COURSE IN BUSINESS Providing instruction in the basic principles of modern business. This course is designed for mature men and women in Business, Industry, and in the Civil Services who are in, or working toward, positions of responsibility. One or two of six subjects may be undertaken each year. Six are required for graduation.

CERTIFICATE COURSE IN PUBLIC ADMINISTRATION Is intended primarily for those with considerable experience in the public service who wish to acquire a broader background in the political and social sciences essential to an understanding of the executive branch of government and its functions. It is not intended as preparation for those planning to enter public service. Emphasis is on Canadian government at all levels (federal, provincial and municipal), and their major problem areas. One or two subjects may be taken each year with six subjects required for graduation.

CERTIFICATE COURSE IN CRIMINOLOGY This course is intended for those with considerable experience in the fields of law enforcement, criminology, adjudication, and the correctional services who wish to deepen their knowledge and understanding of criminology in its various aspects. It examines some of the basic problems of crime, the administration of criminal justice, and the treatment of offenders. One or two subjects may be taken each year with six subjects required for graduation.

EVENING AND AFTERNOON COURSES IN THE LIBERAL ARTS Provide a wide range of cultural and non-technical courses in the liberal Arts for those who are not seeking credit toward certificates, diplomas, or degrees.

THE FRENCH SUMMER SCHOOL—SAINT-PIERRE ET MIQUELON Offers non-credit and advanced oral French. Its purpose is to develop the student's ability to speak French and widen his experience of French life and culture through the daily, natural use of the language. Saint-Pierre offers an exceptional opportunity for the student to put into immediate practice what he has just learned in the classroom. In this sense French becomes truly a living language. For the student who cannot go to France this summer, Saint-Pierre et Miquelon offers at a fraction of the cost the next best opportunity to experience a memorable and profitable holiday on French soil. Classes are held each morning of the week except Saturdays and Sundays, in Le Collège St. Christophe on the Island of Saint-Pierre.

University Extension Programmes

BUSINESS AND PROFESSIONAL COURSES The purpose of this programme of studies is to assist men and women in business or other organizations to better understand the nature of organization and how they are managed; to learn more about areas of management such as finance, marketing, personnel, production, etc.; to improve their professional understanding of the new technical and mathematical theories and activities which have come to the fore in recent years and to acquire some knowledge of other skills requisite to their current or future work needs. Courses are offered in the following general areas: accounting, administration, management, data processing, industrial psychology, operations research, business law, finance, taxation, economics, personnel administration, marketing, mathematics, statistics, computer programming, stochastic processes, and nuclear engineering.

CORRESPONDENCE COURSES are conducted for the Association of Administrative Assistants, the Canadian Credit Institute, the Canadian Institute of Realtors, the Canadian Institute of Traffic and Transportation, the Chartered Institute of Secretaries, the Association of Professional Engineers, the Ontario Association of School Business Officials, and the International Association of Personnel in Employment Security, and the Chemical Institute of Canada.

PRE-SCHOOL EDUCATION The University of Toronto in co-operation with The Nursery Education Association of Ontario offers a three-part course for the preparation of teachers in pre-school education.

University of Toronto Calendars

The University of Toronto issues the following calendars and other publications concerning courses of instruction given by the University, any one of which may be had on application to the Office of Admissions of the University, or to the Secretary of the Faculty, School or Institute about which information is sought.

GENERAL INFORMATION—	University of Toronto Handbook
ADMISSION INFORMATION—	Admission Awards Admission Circular
APPLIED SCIENCE AND ENGINEERING—	Faculty of Applied Science and Engineering Engineering at Toronto—descriptive brochure Diploma Course in Operations Research
ARCHITECTURE—	Faculty of Architecture, Urban and Regional Planning and Landscape Architecture Landscape Architecture—descriptive brochure Graduate Work in Architecture—descriptive brochure
ARTS AND SCIENCE—	Faculty of Arts and Science Courses and Subjects in Arts and Science Diploma Course in Computing and Data Processing
BUSINESS—	School of Business—Graduate Programme in Business Administration
CHILD STUDY—	Institute of Child Study
DENTISTRY—	Faculty of Dentistry Division of Postgraduate Dental Education Division of Dental Hygiene
EDUCATION—	The College of Education Graduate Degrees in Education*
EXTENSION—	Degree Courses in Extension Certificate Course in Business Certificate Course in Public Administration Certificate Course in Criminology Evening & Afternoon Courses in the Liberal Arts Business and Professional Courses Correspondence Courses Pre-School Education
FOOD SCIENCES—	Faculty of Food Sciences
FORESTRY—	Faculty of Forestry
GRADUATE STUDIES—	School of Graduate Studies
HYGIENE—	School of Hygiene
LAW—	Faculty of Law
LIBRARY SCIENCE—	School of Library Science
MEDICINE—	Faculty of Medicine Division of Rehabilitation Medicine Division of Postgraduate Medical Education
MUSIC—	Faculty of Music The Royal Conservatory of Music School of Music Year Book General Syllabus Pianoforte and Theory Syllabus
NURSING—	School of Nursing
PHARMACY—	Faculty of Pharmacy
PHYSICAL AND HEALTH EDUCATION—	School of Physical and Health Education
SOCIAL WORK—	School of Social Work

*Write to: Ontario Institute for Studies in Education, 102 Bloor Street West, Toronto 5, Ontario.

